		(	Press				press									
No. of exceedences	Boiler Bo (Press) (to			boiler	pressure	temp	& temp	report date	Time In	Time Out	Tag	Туре	System	Wif	Wfc	o f
1								Reported 10/03/06	08/23/06 09:33:05	08/23/06 09:36:05	14-PSHH-034	Α	MPF	3	3	0
1								Reported 10/03/06	09/01/06 10:00:59 09/01/06 10:13:14 09/01/06 10:15:47	09/01/06 10:01:11 09/01/06 10:39:50 09/01/06 10:15:21 09/01/06 10:21:14 09/01/06 10:39:46	14-PSHH-034 14-PSHH-034RC 14-PSHH-034RC	Α	MPF MPF MPF MPF MPF	3	3 3 3 3	0 0 0 0
1								Reported 10/03/06	09/10/06 01:14:41	09/10/06 01:18:49 09/10/06 01:19:39	14-PSHH-034RC	A A	MPF MPF		3	0
1								Reported 10/03/06		09/10/06 05:01:45 09/10/06 05:01:57		A A	MPF MPF		3	0
1								Reported 10/03/06		09/11/06 23:14:54 09/11/06 23:13:53		A A	MPF MPF		3	0
1								Reported 10/03/06		09/18/06 13:44:15 09/18/06 13:45:04		A A	MPF MPF		3	0
1								Reported 10/03/06	09/20/06 21:17:29 09/20/06 21:23:49 09/20/06 21:24:46 09/20/06 21:35:27	09/20/06 21:20:25 09/20/06 21:20:30 09/20/06 21:24:01 09/20/06 21:24:56 09/20/06 22:19:17 09/20/06 22:19:17	14-PSHH-034 14-PSHH-034RC 14-PSHH-034RC 14-AIT-384-H		MPF MPF MPF MPF MPF	3	3 3 3 3 3	0 0 0 0 0
1								Reported 10/03/06		09/27/06 02:43:42 09/27/06 02:44:44		A A	MPF MPF		3	0
1								Reported 10/03/06	09/30/06 01:07:06	09/30/06 01:08:19	14-PSHH-034RC	Α	MPF	(	0	0
1								Reported 10/03/06	10/03/06 17:38:44	10/03/06 17:40:47	14-PSHH-034RC	Α		3	3	0

No. of	Roiler	Boiler	(Press &				press &									
exceedences				boiler	pressure	temp		report date	Time In	Time Out	Tag	Туре	System	Wif	Wfc	o f
								Damanta d 10/10/06	10/02/06 10:27:57	10/02/06 20:15:00	24 PDIC 222	M	MDE		2	0
1	L							Reported 10/10/06		10/03/06 20:15:00		М	MPF		3	0
										10/03/06 20:58:41		Α	MPF		3	0
										10/03/06 20:14:32			MPF		3	0
									10/03/06 20:35:31	10/03/06 20:38:34	14-PSHH-034RC	Α	MPF		3	0
									10/03/06 20:35:34	10/03/06 20:42:44	24-PDIC-222	M	MPF		3	0
1	l							Reported 10/10/06	10/04/06 09:02:46	10/04/06 09:04:14	14-PSHH-034RC	Α	MPF		3	0
								, , , , ,	.,.,	.,.,.,						
1								Reported 10/10/06	10/04/06 17:00:42	10/04/06 17:10:44	14-DSHH-034DC	Δ	MPF		3	0
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1	l							Reported 10/10/06	10/04/06 00:00:00				MPF		3	0
1	L							Reported 10/10/06	10/06/06 09:08:19	10/06/06 09:21:34	14-PSHH-034RC	Α	MPF		3	0
1								Reported 10/10/06	10/06/06 17:06:14	10/06/06 17:17:15	14-PSHH-034RC	Δ	MPF		3	0
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1								Demontred 10/10/06	10/06/06 20:22:47	10/06/06 20:24:07	24 DDIC 222	M	MPF		2	0
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										10/06/06 20:44:56		М	MPF		3	0
									10/06/06 20:44:42	10/06/06 21:42:31	14-A11-384-H	Α	MPF		3	0
1	_							Reported 10/10/06		10/08/06 02:03:49		М	MPF		3	0
									10/08/06 02:02:34	10/08/06 02:02:46	14-PSHH-034RC	Α	MPF		3	0
									10/08/06 02:03:59	10/08/06 02:05:54	14-PSHH-034RC	Α	MPF		3	0
									10/08/06 02:08:09	10/08/06 02:11:18	14-PSHH-034RC	Α	MPF		3	0
									10/08/06 02:11:34	10/08/06 02:11:51	14-PSHH-034RC	Α	MPF		3	0
1								Reported 10/10/06	10/08/06 22:40:08	10/08/06 22:43:11	24-FIC-218	М	MPF		3	0
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1								Reported 10/10/06	10/00/06 05:00:20	10/09/06 05:02:11	14 DCUU 024DC	۸	MPF		3	0
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1								Reported 11/06/06	10/11/06 10:35:56	10/11/06 10:37:06	14-PSHH-034RC	Δ	MPF		3	0
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4								Departed 11/06/06	10/11/06 12:41:20	10/11/06 12:40:20	24 DDIC 222	М	MDE		2	Λ
1	<u>.</u>							Reported 11/06/06		10/11/06 13:49:39		М	MPF		3	0
										10/11/06 13:58:28		М	MPF		3	0
										10/11/06 13:58:57		М	MPF		3	0
										10/11/06 14:17:57		М	MPF		3	0
									10/11/06 14:04:06	10/11/06 15:19:53	24-PDIT-222-H	Α	MPF		3	0

Boiler

No. of	Boiler	Poilor	(Press &				press &									
exceedences				boiler	pressure	temp		report date		Time Out 10/11/06 14:33:30 10/11/06 14:58:27		Type M M	System MPF MPF		Wfcd 3 3	o f 0 0
1								Reported 11/06/06	10/11/06 09:16:32	10/11/06 09:16:52	14-PSHH-034RC	Α	MPF		1	0
1								Reported 11/06/06	10/14/06 09:17:55	10/14/06 10:17:42	24-AIT-669-H	Α	MPF	:	3	0
1								Reported 11/06/06	10/15/06 08:48:17 10/15/06 08:50:59 10/15/06 08:53:01 10/15/06 08:55:02 10/15/06 08:55:02 10/15/06 08:55:02 10/15/06 08:55:02 10/15/06 08:55:02 10/15/06 09:02:21 10/15/06 09:04:18 10/15/06 09:06:21	10/15/06 08:49:06 10/15/06 08:49:43 10/15/06 08:51:39 10/15/06 08:53:30 10/15/06 08:55:12 10/15/06 10:06:57 10/15/06 10:06:57 10/15/06 01:06:57 10/15/06 08:59:22 10/15/06 09:02:46 10/15/06 09:05:52 10/15/06 09:07:17 10/15/06 09:09:13	14-PSHH-034RC 14-PSHH-034RC 14-PSHH-034RC 14-PSHH-034RC 14-AIT-384-H 24-AIT-669-H 24-PDIT-222-H 14-PSHH-034RC 24-PDIC-222 14-PSHH-034RC 14-PSHH-034RC	A A A A M A	MPF		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0 0 0 0 0 0 0 0 0
1	. 1				. 1	L		Reported 11/06/06	10/16/06 01:02:15	10/16/06 01:05:37	14-PSHH-034RC	Α	MPF		3	0
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1		. 0	0	1	. 1	L		Reported 11/06/06	11/02/06 06:57:58	11/02/06 07:17:46	14-PSHH-034RC	Α	MPF		3	0
1	-	. 0	0	1	. 1	l		Reported 11/06/06	11/02/06 09:51:24	11/02/06 10:00:21	14-PSHH-034RC	Α	MPF		3	0
1	-	. 0	0	1	. 1	l		Reported 11/06/06		11/03/06 09:33:49 11/03/06 10:33:23		A A	MPF MPF		3 3	0
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1		0	0					Reported 12/04/06	11/05/06 05:00:34	11/05/06 05:00:53	14-PSHH-034RC	Α	MPF		3	0
1	0	. 0	0 0	1	. 1	l		Reported 12/04/06	11/07/06 00:07:54	11/07/06 00:09:41 11/07/06 00:09:41 11/07/06 01:09:15	24-PDIT-225	A M A	MPF MPF MPF		3 3 3	0 0 0
1	0 1 0 0 0	. 0	0 0	1	. 1	l		Reported 12/04/06	11/08/06 22:08:51 11/08/06 22:10:32	11/08/06 22:09:10 11/08/06 22:09:10 11/08/06 23:10:21 11/08/06 22:29:08	24-PDIT-225 24-AIT-669-H	A M A M	MPF MPF MPF MPF		3 3 3 3	0 0 0 0

Boiler

			(Press				press									
No. of	Boiler		&				&				_	_	_			_
exceedences	(Press)		Temp)		pressure	temp	temp	report date	Time In	Time Out	Tag	Type	System	Wif	Wfco f	Ī
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Boiler (Press press

	B 11	B 11	(Press				press									
No. of exceedences	Boiler	(temp)	& Tomp\	boilor	procein	o tomo	& tomp		Time In	Time a Out	T	T	Ct	\A/:£	\ <i>\\\</i>	
exceedences	(Press)				pressur	e temp	temp	report date	Time In	Time Out	Tag	Type	System	VVII	VVICC	łΓ
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1		-	_			1		Reported 01/16/07	01/07/07 16:21:05	01/07/07 16:21:23	14-PSHH-034RC	Α	MPF		3	0
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Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp Time In Time Out Type System Wif Wfco f report date Tag Reported 01/22/07 01/18/07 08:16:49 01/18/07 09:43:33 14-AIT-384-H Α MPF 01/18/07 08:16:49 01/18/07 09:43:33 14-TIT-152-H MPF Α 01/18/07 08:16:49 01/18/07 09:43:33 24-AIT-669-H MPF Α 01/18/07 08:16:49 01/18/07 09:43:33 24-PDIT-222-H MPF 01/18/07 08:35:30 01/18/07 09:11:42 14-TIC-141RC MPF Α 01/18/07 08:37:55 01/18/07 09:12:02 14-TIC-152RC Α MPF М MPF 01/18/07 08:45:03 01/18/07 09:13:23 14-TIC-153RC MPF MPF 01/18/07 09:06:35 01/18/07 09:08:22 14-PSHH-034RC A MPF MPF 01/18/07 09:08:32 01/18/07 09:11:13 14-PSHH-034RC A MPF 01/18/07 09:12:44 01/18/07 09:13:06 14-PSHH-034RC A MPF MPF 01/18/07 09:15:11 01/18/07 09:19:14 14-TIC-152RC Reported 01/22/07 01/18/07 12:07:27 01/18/07 12:08:29 14-TIC-152RC MPF 01/18/07 17:23:24 01/18/07 17:25:48 14-TIC-152RC Reported 01/22/07 MPF Reported 02/09/07 01/20/07 00:43:27 01/20/07 00:46:32 14-PSHH-034RC A MPF MPF Reported 02/09/07 01/20/07 06:21:59 01/20/07 06:23:59 14-PSHH-034RC A MPF Reported 02/09/07 01/26/07 07:02:58 01/26/07 07:09:15 14-PSHH-034RC A **Reported 02/09/07** 01/27/07 19:42:53 01/27/07 19:48:25 14-TIC-152RC MPF Reported 02/09/07 01/28/07 18:59:21 01/28/07 19:01:50 14-PSHH-034RC A 

1 Reported 02/09/07 02/05/07 04:36:00 02/05/07 04:38:51 14-TIC-152RC

MPF

Boiler (Press press No. of Boiler Boiler exceedences (Press) (temp) Temp) boiler pressure temp temp Time Out Type System Wif Wfco f report date Time In Tag 02/05/07 04:34:34 02/05/07 04:39:48 14-PSHH-034RC MPF 02/05/07 04:38:14 02/05/07 05:38:03 14-AIT-384-H 1 Reported 02/09/07 02/05/07 09:56:40 02/05/07 10:06:15 14-TIC-152RC MPF 02/05/07 10:01:21 02/05/07 10:07:26 14-PSHH-034RC A MPF 02/05/07 10:06:58 02/05/07 10:07:26 24-PDIC-222 MPF Reported 02/09/07 02/05/07 20:32:08 02/05/07 20:35:00 14-TIC-152RC A **Reported 02/09/07** 02/06/07 02:58:28 02/06/07 03:04:20 14-TIC-152RC Reported 02/09/07 02/08/07 12:56:42 02/08/07 14:11:29 14-AIT-384-H MPF 02/08/07 12:56:42 02/08/07 14:11:29 24-PDIT-222-H MPF Α 02/08/07 13:15:46 02/08/07 14:00:28 14-TIC-152RC MPF 02/08/07 13:16:18 02/08/07 13:46:04 14-TIC-141RC MPF 02/08/07 13:21:47 02/08/07 13:46:04 14-TIC-153RC MPF 02/08/07 13:28:10 02/08/07 13:48:09 14-PSHH-034RC A MPF 02/08/07 13:28:54 02/08/07 13:48:09 24-PIT-9667 MPF 02/08/07 13:49:19 02/08/07 13:58:11 14-PSHH-034RC A MPF 02/08/07 14:17:53 02/08/07 14:18:13 14-PSHH-034RC A MPF 02/08/07 14:17:55 02/08/07 14:18:13 24-PDIC-222 MPF Reported 04/05/07 02/14/07 05:00:35 02/14/07 05:01:48 14-PSHH-034RC A MPF 1 Reported 04/05/07 02/18/07 13:31:36 02/18/07 13:35:51 14-PSHH-034RC A MPF 02/18/07 13:32:59 02/18/07 13:47:26 14-TIC-152RC MPF 02/18/07 13:39:37 02/18/07 14:33:28 14-AIT-384-H MPF 02/19/07 15:04:07 02/19/07 15:04:33 14-PSHH-034RC A Reported 04/05/07 MPF 02/19/07 15:11:11 02/19/07 16:06:04 14-AIT-384-H MPF 02/19/07 15:11:11 02/19/07 16:06:04 24-AIT-669-H MPF Reported 04/05/07 02/19/07 21:38:05 02/19/07 21:40:29 14-TIC-152RC MPF 02/21/07 05:00:31 02/21/07 05:00:53 14-PSHH-034RC A Reported 04/05/07 

Boiler (Press press No. of Boiler Boiler exceedences (Press) (temp) Temp) boiler pressure temp temp Time Out Type System Wif Wfco f report date Time In Tag Reported 04/05/07 02/21/07 09:17:59 02/21/07 09:31:28 14-PSHH-034RC MPF 02/21/07 09:22:52 02/21/07 10:20:40 14-AIT-384-H 1 Reported 04/05/07 02/23/07 07:04:26 02/23/07 07:06:56 14-PSHH-034RC A MPF 02/23/07 07:05:05 02/23/07 07:07:16 14-TIC-152RC MPF Reported 04/05/07 03/08/07 11:49:30 03/08/07 11:49:45 14-PSHH-034RC A MPF 03/08/07 11:58:04 03/08/07 11:58:16 14-PSHH-034RC A 03/08/07 11:58:40 03/08/07 11:58:55 14-PSHH-034RC A MPF 03/08/07 11:59:14 03/08/07 11:59:41 14-PSHH-034RC A MPF 03/08/07 11:59:17 03/08/07 11:59:41 24-PDIC-222 MPF 03/08/07 11:59:58 03/08/07 12:00:14 14-PSHH-034RC A MPF 03/08/07 12:00:36 03/08/07 12:00:46 14-PSHH-034RC A MPF 03/08/07 12:01:14 03/08/07 12:01:27 14-PSHH-034RC A MPF 03/08/07 12:02:08 03/08/07 12:02:18 14-PSHH-034RC A MPF Λ 03/08/07 12:02:59 03/08/07 12:03:11 14-PSHH-034RC A MPF 03/08/07 12:04:03 03/08/07 12:04:16 14-PSHH-034RC MPF Reported 04/05/07 04/01/07 16:33:31 04/01/07 16:34:56 14-PSHH-034RC A MPF MPF Reported 04/05/07 04/04/07 05:00:56 04/04/07 05:01:15 14-PSHH-034RC A Reported 05/10/07 04/06/07 09:00:19 04/06/07 09:18:53 24-PDIT-225 MPF MPF 04/06/07 09:00:26 04/06/07 09:18:53 14-PSHH-034RC A 04/06/07 11:50:44 04/06/07 11:51:09 14-PSHH-034RC A MPF 04/06/07 11:51:51 04/06/07 11:52:08 14-PSHH-034RC A MPF 04/06/07 11:52:32 04/06/07 12:29:21 14-PSHH-034RC MPF MPF 04/06/07 12:29:09 04/06/07 12:29:21 24-PDIC-222 04/06/07 12:29:51 04/06/07 12:30:04 14-PSHH-034RC A MPF 04/06/07 12:30:33 04/06/07 12:30:50 14-PSHH-034RC A MPF 04/06/07 09:39:14 04/06/07 12:37:07 14-TIC-141RC MPF 04/06/07 12:31:12 04/06/07 12:38:13 14-PSHH-034RC A MPF 04/06/07 12:31:14 04/06/07 12:38:13 24-PDIC-222 Μ MPF MPF 04/06/07 10:14:51 04/06/07 12:38:35 14-TIC-152RC Α 04/06/07 09:58:02 04/06/07 12:43:02 14-TIC-153RC Α MPF MPF Reported 05/10/07 04/11/07 03:32:10 04/11/07 03:32:47 14-PSHH-034RC A MPF **Reported 05/10/07** 04/11/07 20:24:35 04/11/07 20:25:46 14-PSHH-034RC A

			(Press				press									
No. of exceedences	Boiler (Press)		& Temn)	hoile	r pressur	e temp	& temp	report date	Time In	Time Out	Tag	Tyne	System	Wif	Wfc	n f
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1					1	1		Reported 05/10/07	04/14/07 15:10:50	04/14/07 15:13:32	14-PSHH-034RC	Α	MPF		3	0
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1	0	0	0					Reported 05/10/07	04/19/07 08:23:44	04/19/07 08:23:59	14-PSHH-034RC	Α	MPF		3	0
	0	0	0						04/19/07 08:24:17	04/19/07 08:25:04	14-PSHH-034RC	Α	MPF		3	0
	0									04/19/07 08:25:46		Α	MPF		3	0
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1	0	0						Reported 05/10/07	04/19/07 10:11:02	04/19/07 10:20:00	24-PDIT-222-H	Α	MPF		3	0
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	0	0						,		04/26/07 20:25:00		М	MPF		3	0
	0	0	0						04/26/07 21:05:38	04/26/07 21:07:25	14-AIT-384	М	MPF		3	0
	0	0	-							04/26/07 21:11:54		М	MPF		3	0
	0	0								04/26/07 22:40:08		М	MPF		3	0
	0	0	-							04/26/07 23:59:48		A	MPF MPF		3	0
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	0	0								04/27/07 01:54:19		A	MPF		3	0
	0	0	0						04/26/07 20:34:09	04/27/07 02:15:14	14-TIC-152RC	Α	MPF		3	0
	0	0								04/27/07 02:26:14		Α	MPF		3	0
	0	-								04/27/07 03:09:50		Α	MPF		3	0
	0								04/26/07 20:10:02	04/27/07 03:11:29	14-TIC-153RC	Α	MPF		3	0
	U	U	U													
1	0	0	0					Reported 05/10/07	04/29/07 10:51:38	04/29/07 10:52:15	14-PSHH-034RC	Α	MPF		3	0
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	0	0	0													
1					1	1		Reported 05/10/07		05/09/07 15:44:05			MPF		3	0
	0	0							05/09/07 15:44:39	05/09/07 15:44:56	14-PSHH-034RC	Α	MPF		3	0
1	•	0			1	1		Reported 06/01/07	05/00/07 18:06:06	05/09/07 18:25:07	14-DSHH-034DC	Λ	MPF		3	0
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No. of	Boiler	Boiler	(Press				press &									
exceedences	(Press)	(temp)	Temp)	boiler	pressure	temp	temp	report date	Time In	Time Out	Tag	Type	System	Wif	Wfco	f
1	. 0					1		Reported 06/01/07	05/12/07 10:51:38	05/12/07 10:55:09	14-TIC-141RC	A	MPF	3	l	0
								D	05/42/07 06/42 55	05/12/07 06: 45: 245	14 TG 141PG		MDE	_		
1	. 0 0					1		Reported 06/01/07	05/13/07 06:42:55	05/13/07 06:45:24	14-11C-141RC	Α	MPF	3	j	0
1		0	0			1		Reported 06/01/07	05/17/07 20:17:51	05/17/07 20:22:01	14-TIC-141RC	Α	MPF	3		0
1	. 0							Reported 06/01/07	05/17/07 23:09:54	05/17/07 23:11:52	24-FIC-248	М	MPF	3	3	0
1						1		Reported 06/01/07	05/18/07 02:49:47	05/18/07 02:51:36	14-TIC-141RC	Α	MPF	3	}	0
1	. 1 0 0 0	0 0 0	0 0	1	1 :	1		Reported 06/01/07	05/25/07 12:55:39	05/25/07 13:06:03 05/25/07 13:55:28 05/25/07 14:13:24	24-AIT-669-H	A A A	MPF MPF MPF	3		0 0 0
1		0 0 0 0 0	0 0 0 0 0 0 0					Reported 06/01/07	05/30/07 02:38:55 05/30/07 02:42:04 05/30/07 02:42:54 05/30/07 02:44:51 05/30/07 02:45:52	05/30/07 02:38:53 05/30/07 02:39:59 05/30/07 02:42:38 05/30/07 02:43:14 05/30/07 02:45:14 05/30/07 02:46:21 05/30/07 02:49:20	14-PSHH-034RC 14-PSHH-034RC 14-PSHH-034RC 14-PSHH-034RC 14-PSHH-034RC	A A A A	MPF MPF MPF MPF MPF MPF	3 3 3 3 3 3 3		0 0 0 0 0
1	0							Reported 06/01/07	06/01/07 14:19:54	06/01/07 14:38:50	24-PDIT-222-H	Α	MPF	3	•	0
1	. 0					1		Reported 06/01/07	06/01/07 17:51:42	06/01/07 18:21:48	14-TIC-141RC	Α	MPF	3	•	0
1	. 0	0				1		Reported 06/13/07	06/01/07 20:27:06	06/01/07 20:40:37	14-TIC-141RC	Α	MPF	3	<b>;</b>	0

No. of	Boiler	Boiler	(Press				press &								
exceedences	(Press)		& Temp)	boiler	pressure	temp	temp	report date	Time In	Time Out	Tag	Туре	System	Wif	Wfco f
1	. 0	0	0			1		Reported 06/13/07	06/01/07 20:45:27	06/01/07 20:53:22	14-TIC-141RC	Α	MPF	3	3 0
	0	0						.,	,.,.	, . ,					
1	. 0	0	0			1		Reported 06/13/07	06/04/07 08:38:32	06/04/07 08:43:31	14-TIC-141RC	Α	MPF	3	3 0
1	. 1	0			. 1			Reported 06/13/07	06/04/07 15:09:45	06/04/07 15:10:39	14-PSHH-034RC	Α	MPF	3	3 0
1	0	0			. 1			Reported 06/13/07	06/05/07 02:01:22	06/05/07 02:02:42	14-PSHH-034RC	Δ	MPF	5	3 0
-	0				_			Reported 60/15/6/	00,03,07 02.01.22	00/03/07 02:02:12	11131111 03 INC	,			
1		0				1		Reported 06/13/07	06/06/07 13:27:41	06/06/07 13:28:34	14-TIC-152RC	Α	MPF	3	3 0
1		0 0						Reported 06/13/07	06/07/07 17:11:53	06/07/07 17:13:32	14-PSHH-034	Α	MPF	3	
	0	0							06/07/07 17:14:24	06/07/07 17:14:36	14-PSHH-034	Α	MPF	3	3 0
1	. 0	0				1		Reported 06/13/07	06/07/07 18:33:30	06/07/07 18:36:12	14-TIC-152	Α	MPF	3	3 0
1	. 1	0	0	1	. 1			Reported 06/13/07	06/07/07 20:06:04	06/07/07 20:09:43	14-PSHH-034	Α	MPF	3	3 0
1	0	0						Reported 06/13/07	06/08/07 05:00:33	06/08/07 05:00:59	14-PSHH-034	Α	MPF	3	3 0
	0	0	0												
1	. 0	0				1		Reported 06/28/07	06/09/07 07:12:03	06/09/07 07:28:55	14-TIC-141	Α	MPF	3	3 0
1	. 0	0				1		Reported 06/28/07	06/00/07 11:54:37	06/09/07 11:58:00	14-TIC-141	Α	MPF	3	3 0
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1	. 0	0				1		Reported 06/28/07	06/12/07 15:39:58	06/12/07 15:43:31	14-TIC-141	Α	MPF	3	3 0
1	0	0			. 1			Reported 06/28/07	06/15/07 19:30:10	06/15/07 19:32:20	14-PSHH-034	Α	MPF	5	3 0
	0	0	0					•							
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1	. 0	0	0					Reported 06/28/07	06/19/07 03:19:44	06/19/07 03:20:01	14-PSHH-034	Α	MPF	3	3 0
1	0	0			. 1			Reported 06/28/07	06/19/07 23:20:48	06/19/07 23:22:59	14-PSHH-034	Α	MPF	3	3 0
1	0	0	0					•		06/23/07 21:00:19		Α	MPF		3 0
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Boiler (Press press No. of Boiler Boiler & & exceedences (Press) (temp) Temp) boiler pressure temp temp  $0 \quad 0 \quad 0$ 

exceedences	(Press)	(temp)	remp)	boiler	pressure	temp	temp	report date	Time In	Time Out	Tag	Type	
	C	) (	) (	)					06/23/07 23:15:56	06/23/07 23:19:18	14-PSHH-034	Α	MPF
	C	) (	) (	)									
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	C	) (	) (	)					06/24/07 09:00:27	06/24/07 09:00:41	14-PSHH-034	Α	MPF
	C	) (	) (	)					06/24/07 09:01:47	06/24/07 09:03:39	14-PSHH-034	Α	MPF
	C	) (	) (	)						06/24/07 09:26:32		Α	MPF
	C	) (	) (	)						06/24/07 09:04:43		Α	MPF
	Ċ	) (	) (	)						06/24/07 09:05:54		Α	MPF
	Č		) (							06/24/07 09:12:06		A	MPF
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				)						06/24/07 09:17:40		A	
	C		) (							06/24/07 09:18:45		A	MPF
	C			)						06/24/07 09:20:12		Α	MPF
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	C			)						06/24/07 12:20:35		M	MPF
	C	) (	) (	)					06/24/07 12:20:36	06/24/07 12:20:46	24-FIT-9667A	M	MPF
	C	) (	) (	)					06/24/07 12:20:50	06/24/07 12:32:55	24-FIT-9667A	M	MPF
	C	) (	) (	)					06/24/07 12:21:58	06/24/07 12:21:59	24-FIT-9667B	M	MPF
	C	) (	) (	)					06/24/07 12:22:04	06/24/07 12:22:05	24-FIT-9667B	M	MPF
	C	) (	) (	)					06/24/07 12:22:07	06/24/07 12:28:30	24-FIT-9667B	M	MPF
	C	) (	) (	)					06/24/07 12:28:39	06/24/07 12:28:44	24-FIT-9667B	М	MPF
	Ċ	) (	) (	)						06/24/07 12:28:52		М	MPF
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	Č									06/24/07 12:29:39		A	MPF
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				)		•		Reported 07/11/07		06/24/07 15:16:15		M	MPF
	(			)						06/24/07 15:16:20			MPF
	(	•										M	
	•	•	) (							06/24/07 15:24:11		М	MPF
	C			)						06/24/07 15:23:43		М	MPF
	C			)						06/24/07 15:18:03		A	MPF
	C			)						06/24/07 15:24:21		М	MPF
	C		) (						06/24/07 17:56:01	06/24/07 17:59:38	14-PSHH-034	Α	MPF
	C	) (	) (	)									
1	1 (	) (	) (	)				Reported 07/11/07		06/24/07 17:58:47		M	MPF
	C	) (		)					06/24/07 17:59:00	06/24/07 17:59:02	24-FIT-9667A	М	MPF
	C	) (	) (	)					06/24/07 17:59:03	06/24/07 17:59:46	24-FIT-9667A	M	MPF
	C	) (	) (	)					06/24/07 17:59:19	06/24/07 18:58:08	14-AIT-384-H	Α	MPF
	C	) (	) (	)					06/24/07 17:59:19	06/24/07 18:58:08	24-AIT-669-H	Α	MPF
	C	) (	) (	)					06/24/07 17:59:47	06/24/07 17:59:51	24-FIT-9667A	M	MPF
									06/24/07 17:50:54	00/24/07 10:00:52	24 FIT 0007A	N.4	MDE

report date

Time In

Time Out

06/24/07 17:59:54 06/24/07 18:00:53 24-FIT-9667A

06/24/07 18:00:54 06/24/07 18:00:55 24-FIT-9667A

06/24/07 18:01:07 06/24/07 18:01:12 24-FIT-9667A

Type System Wif Wfco f

MPF

MPF

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Boiler (Press press No. of Boiler Boiler & Type System Wif Wfco f exceedences (Press) (temp) Temp) boiler pressure temp temp report date Time In Time Out Tag 06/24/07 18:02:03 06/24/07 18:02:04 24-FIT-9667A MPF Λ Μ 06/24/07 18:02:09 06/24/07 18:02:11 24-FIT-9667A М MPF Reported 07/11/07 06/28/07 11:41:56 06/28/07 11:43:42 14-TIC-141 MPF Reported 07/11/07 07/04/07 19:27:14 07/04/07 23:35:57 14-TIC-141 ALARM MPF 07/04/07 19:31:15 07/04/07 19:37:05 14-PSHH-034 ALARM MPF 07/04/07 19:39:57 07/04/07 20:36:47 14-TIT-065-H ALARM MPF 07/04/07 19:58:30 07/04/07 23:40:29 14-TIC-153 ALARM MPF ALARM MPF 07/04/07 20:20:50 07/04/07 23:33:18 24-PDIT-225-H ALARM MPF 07/04/07 21:40:31 07/04/07 21:40:46 14-AIT-384 MALFU MPF 07/04/07 21:40:31 07/04/07 21:40:46 24-AIT-669 MALFU MPF ALARM MPF Λ 07/04/07 22:50:34 07/04/07 23:06:36 24-PDIT-225 MALFU MPF Reported 07/11/07 07/09/07 12:19:33 07/09/07 12:24:52 14-PSHH-034 ALARM MPF 1 Reported 07/11/07 07/09/07 15:14:09 07/09/07 15:19:40 14-PSHH-034 ALARM MPF 07/09/07 15:40:15 07/09/07 15:44:57 14-PSHH-034 ALARM MPF 07/09/07 15:19:26 07/09/07 15:52:06 14-TIC-141 ALARM MPF ALARM MPF 07/09/07 15:46:05 07/09/07 15:58:14 14-TIC-153 07/09/07 15:29:51 07/09/07 16:37:38 24-PDIT-222-H ALARM MPF 1 Reported 07/11/07 07/09/07 21:27:03 07/09/07 21:27:41 14-PSHH-034 ALARM MPF 07/09/07 21:59:25 07/09/07 22:03:13 14-PSHH-034 ALARM MPF 07/09/07 22:06:31 07/09/07 22:06:40 14-PSHH-034 ALARM MPF ALARM MPF 07/09/07 22:09:12 07/09/07 22:09:21 14-PSHH-034 ALARM MPF n 07/09/07 22:03:37 07/09/07 22:27:33 14-AIT-384-H ALARM MPF 07/09/07 22:03:37 07/09/07 22:27:33 24-AIT-669-H ALARM MPF 07/09/07 22:03:01 07/09/07 22:41:53 14-TIC-152 ALARM MPF 07/09/07 22:47:28 07/09/07 22:50:28 14-TIT-065-H ALARM MPF 07/09/07 21:40:41 07/09/07 22:57:27 24-PDIT-222-H ALARM MPF 07/09/07 21:30:52 07/09/07 23:32:41 14-TIC-141 ALARM MPF 07/10/07 22:05:23 07/10/07 22:09:46 14-PSHH-034 Reported 07/11/07 ALARM MPF Reported 08/01/07 07/11/07 18:09:25 07/11/07 18:11:16 14-PSHH-034 ALARM MPF Reported 08/01/07 07/12/07 19:30:49 07/12/07 19:32:00 14-PSHH-034 ALARM MPF 

Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp Time Out Type System Wif Wfco f report date Time In Tag 1 0 0 Reported 08/01/07 07/16/07 17:40:39 07/16/07 17:43:16 14-PSHH-034 ALARM MPF 3 0 0 0 0 Reported 08/01/07 07/18/07 13:22:00 07/18/07 13:22:24 14-PSHH-034 ALARM MPF 3 07/18/07 13:24:12 07/18/07 13:33:10 14-PSHH-034 ALARM MPF 0 0 0 3 0 0 0 1 0 1 Reported 08/01/07 07/18/07 23:11:22 07/18/07 23:16:22 14-PSHH-034 ALARM MPF 3 0 07/18/07 23:17:17 07/19/07 00:29:12 14-TIC-141 ALARM MPF 3 n 0 0 0 07/18/07 23:19:13 07/19/07 00:15:04 24-AIT-669-H ALARM MPF 0 3 0 0 07/18/07 23:28:12 07/19/07 01:07:56 24-PDIT-222-H ALARM MPF 3 0 0 0 07/18/07 23:32:00 07/19/07 00:27:35 14-TIC-153 ALARM MPF 3 n 0 0 0 07/18/07 23:35:25 07/18/07 23:54:11 14-TIC-152 ALARM MPF 3 0 n n 0 07/19/07 00:01:42 07/19/07 00:27:40 14-TIC-152 ALARM MPF 3 07/19/07 00:15:10 07/19/07 00:27:40 14-PSHH-034 ALARM MPF 3 0 Λ Λ MALFU MPF 3 0 0 0 0 0 0 Reported 08/01/07 07/19/07 03:23:24 07/19/07 03:23:45 14-PSHH-034 ALARM MPF 3 0 1 0 0 0 07/19/07 03:23:50 07/19/07 03:35:09 14-PSHH-034 ALARM MPF 3 0 0 0 0 07/19/07 03:24:07 07/19/07 03:24:13 24-FIT-9667A MALFU MPF 3 0 0 0 07/19/07 03:25:46 07/19/07 03:25:47 24-FIT-9667A MALFU MPF 3 0 0 07/19/07 03:25:55 07/19/07 03:26:18 24-FIT-9667A MALFU MPF 3 0 0 07/19/07 03:26:08 07/19/07 03:26:10 24-FIT-9667B MALFU MPF 3 0 07/19/07 03:26:13 07/19/07 03:26:16 24-FIT-9667B 0 0 MALFU MPF 3 0 07/19/07 03:26:20 07/19/07 03:26:21 24-FIT-9667A MALFU MPF 3 0 Λ 0 0 07/19/07 03:26:27 07/19/07 03:26:28 24-FIT-9667A MALFU MPF 3 0 3 0 0 07/19/07 03:26:31 07/19/07 03:26:58 24-FIT-9667A MALFU MPF 0 07/19/07 03:26:38 07/19/07 03:26:47 24-FIT-9667B MALFU MPF 3 0 07/19/07 03:26:50 07/19/07 03:26:52 24-FIT-9667B MALFU MPF 3 n 07/19/07 03:26:55 07/19/07 03:26:57 24-FIT-9667B MALFU MPF 3 MALFU MPF 0 0 0 07/19/07 03:27:03 07/19/07 03:27:04 24-FIT-9667A 3 0 0 0 0 07/19/07 03:27:05 07/19/07 03:27:07 24-FIT-9667A MALFU MPF 3 0 0 0 07/19/07 03:37:21 07/19/07 03:37:22 24-FIT-9667A MALFU MPF 3 n n 0 07/19/07 03:37:40 07/19/07 03:37:44 24-FIT-9667A MALFU MPF 3 0 0 0 07/19/07 03:38:17 07/19/07 03:38:18 24-FIT-9667A MALFU MPF 3 0 07/19/07 03:38:32 07/19/07 03:38:33 24-FIT-9667A MALFU MPF 3 MALFU MPF 0 0 07/19/07 03:38:56 07/19/07 03:38:57 24-FIT-9667A 3 0 0 07/19/07 03:39:26 07/19/07 03:39:28 24-FIT-9667A MALFU MPF 3 0 07/19/07 03:39:44 07/19/07 03:39:45 24-FIT-9667A MALFU MPF 0 n 0 0 0 0 0 Reported 08/01/07 07/19/07 04:26:24 07/19/07 04:42:20 24-PDIT-222-H ALARM MPF 3 0 0 Reported 08/01/07 07/22/07 15:03:25 07/22/07 15:06:51 14-PSHH-034 ALARM MPF 3 0 0 0 0 0 0

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Reported 08/01/07

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ALARM MPF

Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp Time Out Type System Wif Wfco f report date Time In Tag Reported 08/01/07 07/27/07 05:08:40 07/27/07 05:10:13 14-PSHH-034 ALARM MPF 07/27/07 05:08:44 07/27/07 05:08:50 24-PDIC-222 MALFU MPF 07/27/07 05:27:10 07/27/07 05:30:07 14-PSHH-034 ALARM MPF 07/27/07 05:27:11 07/27/07 05:27:16 24-PDIC-222 MALFU MPF Reported 08/14/07 07/28/07 08:55:39 07/28/07 08:59:35 14-PSHH-034 ALARM MPF 07/28/07 09:12:06 07/28/07 09:12:22 14-PSHH-034 ALARM MPF 07/28/07 09:12:11 07/28/07 09:12:16 24-PDIC-222 MALFU MPF 07/28/07 09:12:49 07/28/07 09:13:16 14-PSHH-034 ALARM MPF 07/28/07 09:12:54 07/28/07 09:12:57 24-PDIC-222 MALFU MPF 07/28/07 09:13:38 07/28/07 09:13:56 14-PSHH-034 ALARM MPF 07/28/07 09:14:37 07/28/07 09:14:53 14-PSHH-034 ALARM MPF 07/28/07 09:14:44 07/28/07 09:14:46 24-PDIC-222 MALFU MPF n 07/28/07 09:18:05 07/28/07 09:18:21 14-PSHH-034 ALARM MPF 07/28/07 09:18:11 07/28/07 09:18:17 24-PDIC-222 MALFU MPF Λ Λ Λ 07/28/07 09:18:47 07/28/07 09:19:03 14-PSHH-034 ALARM MPF 07/28/07 09:18:51 07/28/07 09:18:56 24-PDIC-222 MALFU MPF 07/28/07 09:19:41 07/28/07 09:19:57 14-PSHH-034 ALARM MPF 07/28/07 09:19:46 07/28/07 09:19:50 24-PDIC-222 MALFU MPF 07/28/07 09:21:30 07/28/07 09:21:49 14-PSHH-034 ALARM MPF 07/28/07 09:21:38 07/28/07 09:21:55 24-PDIC-222 MALFU MPF **Reported 08/14/07** 07/29/07 06:34:40 07/29/07 06:36:00 14-TIC-141 ALARM MPF Λ 07/29/07 15:06:40 07/29/07 15:09:12 14-TIC-141 ALARM MPF Reported 08/14/07 Reported 08/14/07 07/29/07 20:31:23 07/29/07 20:31:57 14-PSHH-034 ALARM MPF 07/29/07 20:32:03 07/29/07 20:33:31 14-PSHH-034 ALARM MPF 07/29/07 20:53:58 07/29/07 20:54:38 14-PSHH-034 ALARM MPF Reported 08/14/07 ALARM MPF Reported 08/14/07 08/06/07 04:59:45 08/06/07 05:00:08 14-TIC-141 ALARM MPF Reported 08/14/07 08/09/07 18:41:53 08/09/07 18:43:10 14-PSHH-034 ALARM MPF Reported 08/14/07 08/12/07 23:49:40 08/12/07 23:49:53 14-PSHH-034 ALARM MPF 08/12/07 23:53:23 08/13/07 00:03:32 14-TIC-141 ALARM MPF 08/12/07 23:55:34 08/13/07 01:09:20 14-TIT-065-H ALARM MPF ALARM MPF ALARM MPF 

Boiler (Press press No. of Boiler Boiler & Type System Wif Wfco f exceedences (Press) (temp) Temp) boiler pressure temp temp Time Out report date Time In Tag 08/13/07 00:02:51 08/13/07 00:05:58 14-PSHH-034 ALARM MPF 08/13/07 00:06:58 08/13/07 00:07:16 14-PSHH-034 ALARM MPF Reported 08/14/07 08/13/07 02:24:07 08/13/07 02:36:05 24-PDIT-222-H ALARM MPF Reported 08/14/07 08/13/07 08:57:40 08/13/07 08:58:30 14-PSHH-034 ALARM MPF Reported 09/11/07 ALARM MPF ALARM MPF Reported 09/11/07 08/19/07 15:24:25 08/19/07 15:24:47 14-PSHH-034 ALARM MPF Reported 09/11/07 08/31/07 10:11:50 08/31/07 10:21:47 14-TIT-065-H ALARM MPF ALARM MPF Reported 09/11/07 09/04/07 14:55:49 09/04/07 14:56:51 14-TIC-152 09/04/07 14:57:31 09/04/07 14:58:08 14-TIC-152 ALARM MPF 09/04/07 14:59:22 09/04/07 14:59:55 14-TIC-152 ALARM MPF Reported 09/11/07 09/04/07 18:22:53 09/04/07 18:23:40 14-TIC-152 ALARM MPF 09/04/07 18:24:44 09/04/07 18:25:26 14-TIC-152 ALARM MPF Reported 09/11/07 09/07/07 01:40:58 09/07/07 01:41:28 14-PSHH-034 ALARM MPF Reported 09/11/07 09/07/07 04:21:09 09/07/07 04:28:00 14-PSHH-034 ALARM MPF 09/08/07 02:39:21 09/08/07 02:39:55 14-PSHH-034 ALARM MPF Reported 09/11/07 09/08/07 02:40:03 09/08/07 02:40:23 14-PSHH-034 ALARM MPF Reported 09/11/07 09/09/07 07:15:18 09/09/07 07:16:00 14-PSHH-034 ALARM MPF 09/09/07 07:20:23 09/09/07 07:21:18 14-PSHH-034 ALARM MPF Reported 09/11/07 09/10/07 10:24:03 09/10/07 10:25:28 14-PSHH-034 ALARM MPF 09/10/07 10:25:38 09/10/07 10:25:51 14-PSHH-034 ALARM MPF 09/10/07 10:27:31 09/10/07 10:27:33 24-FIT-9667A MALFU MPF MALFU MPF 09/10/07 10:27:37 09/10/07 10:27:38 24-FIT-9667A 09/10/07 10:26:59 09/10/07 11:26:46 24-AIT-669-H ALARM MPF 09/10/07 10:27:58 09/10/07 11:26:46 14-AIT-384-H ALARM MPF 09/10/07 13:09:33 09/10/07 13:11:51 14-PSHH-034 ALARM MPF Reported 09/25/07 ALARM MPF Reported 09/25/07 09/10/07 19:47:08 09/10/07 19:48:19 14-PSHH-034 09/10/07 19:48:29 09/10/07 19:48:37 14-PSHH-034 ALARM MPF 09/10/07 19:48:45 09/10/07 19:49:03 24-FIT-9667B MALFU MPF 

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Boiler (Press press No. of Boiler Boiler exceedences (Press) (temp) Temp) boiler pressure temp temp Type System Wif Wfco f report date Time In Time Out Tag Reported 10/09/07 09/28/07 08:43:38 09/28/07 08:44:24 14-PSHH-034 ALARM MPF -1 Reported 10/09/07 09/28/07 16:52:44 09/28/07 16:53:09 14-PSHH-034 ALARM MPF 09/28/07 16:53:15 09/28/07 16:54:14 14-PSHH-034 ALARM MPF Reported 10/09/07 10/04/07 21:18:00 10/04/07 21:19:18 14-TIC-152 ALARM MPF Reported 10/09/07 10/04/07 23:23:38 10/04/07 23:24:40 14-TIC-152 ALARM MPF Reported 10/31/07 10/09/07 07:20:00 10/09/07 18:48:00 Hg feed rate N/A MPF Reported 10/31/07 10/10/07 15:21:24 10/10/07 15:24:35 14-PSHH-034 ALARM MPF 10/10/07 15:22:19 10/10/07 15:25:06 24-FIT-9667A MALFU MPF MALFU MPF 10/10/07 15:22:32 10/10/07 15:22:33 24-FIT-9667B 10/10/07 15:22:38 10/10/07 15:22:58 24-FIT-9667B MALFU MPF 10/10/07 15:22:59 10/10/07 15:25:03 24-FIT-9667B MALFU MPF Reported 10/31/07 10/12/07 06:53:39 10/12/07 06:53:43 24-FIT-9667A MALFU MPF 10/12/07 06:53:54 10/12/07 06:53:55 24-FIT-9667A MALFU MPF 10/12/07 06:53:57 10/12/07 06:53:58 24-FIT-9667A MALFU MPF 10/12/07 06:53:59 10/12/07 06:54:03 24-FIT-9667A MALFU MPF 10/12/07 06:54:14 10/12/07 06:54:16 24-FIT-9667A MALFU MPF 10/12/07 06:54:23 10/12/07 06:54:24 24-FIT-9667A MALFU MPF 10/12/07 06:54:27 10/12/07 06:54:53 24-FIT-9667A MALFU MPF 10/12/07 06:54:55 10/12/07 06:55:00 24-FIT-9667A MALFU MPF 10/12/07 06:55:16 10/12/07 06:55:17 24-FIT-9667A MALFU MPF 10/12/07 06:55:27 10/12/07 06:55:28 24-FIT-9667A MALFU MPF 10/12/07 06:55:33 10/12/07 06:55:37 24-FIT-9667A MALFU MPF 10/12/07 06:58:34 10/12/07 07:07:18 24-FIT-9667A MALFU MPF n 10/12/07 06:58:37 10/12/07 07:07:04 24-FIT-9667B MALFU MPF 10/12/07 06:58:47 10/12/07 06:59:23 14-PSHH-034 ALARM MPF 10/12/07 06:59:28 10/12/07 06:59:44 14-PSHH-034 ALARM MPF 10/12/07 07:07:20 10/12/07 07:07:22 24-FIT-9667A MALFU MPF 10/12/07 07:07:24 10/12/07 07:07:27 24-FIT-9667A MALFU MPF Reported 10/31/07 10/21/07 20:45:38 10/21/07 20:47:22 14-TIC-152 ALARM MPF Reported 10/31/07 10/24/07 03:22:13 10/24/07 03:43:08 MAX-FIT-9667-H ALARM MPF Reported 10/31/07 10/24/07 12:08:36 10/24/07 12:52:28 SEC-FIT-9667-H ALARM MPF Reported 10/31/07 10/24/07 17:43:56 10/24/07 17:51:49 14-TIC-152 ALARM MPF 

**Reported 10/31/07** 10/24/07 19:21:14 10/24/07 19:42:09 SEC-FIT-9667-H ALARMMPF

Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp Time In Time Out Type System Wif Wfco f report date Tag Reported 10/31/07 10/25/07 20:44:14 10/25/07 20:47:03 14-PSHH-034 ALARM MPF Reported 10/31/07 10/26/07 21:49:10 10/26/07 21:50:32 14-PSHH-034 ALARM MPF 10/26/07 21:50:44 10/26/07 21:51:11 14-PSHH-034 ALARM MPF Reported 11/8/07 10/28/07 03:01:44 10/28/07 03:04:49 14-TIC-152 ALARM MPF **Reported 11/8/07** 10/28/07 03:28:09 10/28/07 03:29:28 14-TIC-152 ALARM MPF Reported 11/8/07 11/01/07 04:06:07 11/01/07 04:27:03 SEC-FIT-9667-H ALARMMPF Reported 11/8/07 11/01/07 22:10:08 11/01/07 22:13:22 14-PSHH-034 ALARM MPF 11/01/07 22:11:21 11/01/07 22:12:33 24-PIT-9667 MALFU MPF 11/01/07 22:11:55 11/01/07 22:12:29 24-PDIC-222 MALFU MPF 11/01/07 22:19:36 11/01/07 22:22:23 14-PSHH-034 ALARM MPF 11/01/07 22:22:31 11/01/07 22:22:46 14-PSHH-034 ALARM MPF Reported 11/8/07 11/01/07 23:46:09 11/01/07 23:49:33 14-TIC-153 ALARM MPF Reported 11/8/07 11/02/07 00:48:08 11/02/07 01:32:01 SEC-FIT-9667-H ALARM MPF Reported 11/8/07 11/02/07 02:16:23 11/02/07 02:16:46 14-TIC-153 ALARM MPF Reported 11/8/07 11/02/07 04:36:24 11/02/07 04:36:36 14-TIC-153 ALARM MPF 11/02/07 04:36:53 11/02/07 04:37:50 14-TIC-153 ALARM MPF Reported 11/8/07 11/02/07 08:40:28 11/02/07 08:49:46 14-TIC-153 ALARM MPF Reported 11/8/07 11/04/07 20:25:59 11/04/07 20:28:02 14-TIC-141 ALARM MPF Reported 11/15/07 11/05/07 05:21:28 11/05/07 05:37:25 SEC-FIT-9667-H ALARM MPF **Reported 11/15/07** 11/05/07 14:52:42 11/05/07 14:57:41 24-FIT-248-H ALARM MPF 

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	0 (	) (	)					02/18/08 08:02:43	02/18/08 08:02:54	24-FIT-9667B	MALFU MPF	11	0
	0 (	) (	)					02/18/08 08:02:55	02/18/08 08:03:00	24-FIT-9667B	MALFU MPF	11	0
	0 (	0 (	)					02/18/08 08:03:02	02/18/08 08:03:07	24-FIT-9667B	MALFU MPF	11	0
	0 (	) (	)					02/18/08 08:03:15	02/18/08 08:03:40	24-FIT-9667B	MALFU MPF	11	0
	0 (	) (	)					02/18/08 08:03:46	02/18/08 08:04:05	24-FIT-9667B	MALFU MPF	11	0
	0 (	) (	)					02/18/08 08:04:06	02/18/08 08:04:07	24-FIT-9667B	MALFU MPF	11	0
		) (							02/18/08 08:04:20		MALFU MPF	11	
	0 (	) (							02/18/08 08:04:27		MALFU MPF	11	
		0 (							02/18/08 08:06:37		MALFU MPF	11	
		) (							02/18/08 08:06:47		MALFU MPF	11	
		0 (							02/18/08 08:06:50		MALFU MPF	11	
		0 (							02/18/08 08:06:59		MALFU MPF	11	
		0 (							02/18/08 08:07:09		MALFU MPF	11	
		0 (							02/18/08 08:07:12		MALFU MPF	11	
		0 (							02/18/08 08:07:16		MALFU MPF	11	
		) (							02/18/08 08:07:10		MALFU MPF	11	
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								*. *.	02/18/08 08:07:25		MALFUMPF	11	
		0 (							02/18/08 08:07:31		MALFUMPF	11	
		0 (							02/18/08 08:07:37		MALFU MPF	11	
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		0 (							02/18/08 08:07:49		MALFU MPF	11	
		0 (							02/18/08 08:07:51		MALFU MPF	11	
		0 (							02/18/08 08:07:56		MALFU MPF	11	
		0 (							02/18/08 09:31:55		ALARM MPF	11	
		0 (							02/18/08 08:08:18		MALFU MPF	11	
		0 (							02/18/08 08:08:59		MALFU MPF	11	
	0 (	) (						02/18/08 08:09:27	02/18/08 08:09:30	24-FIT-9667B	MALFU MPF	11	0
	0 (	0 (	)					02/18/08 08:09:33	02/18/08 08:09:35	24-FIT-9667B	MALFU MPF	11	0
	0 (	) (	)					02/18/08 08:09:36	02/18/08 08:09:40	24-FIT-9667B	MALFU MPF	11	0
	0 (	0 (	)					02/18/08 08:09:46	02/18/08 08:09:48	24-FIT-9667B	MALFU MPF	11	0
	0 (	) (	)						02/18/08 08:09:52		MALFU MPF	11	0

Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp Type System Wif Wfco f report date Time In Time Out Tag 02/18/08 08:16:42 02/18/08 08:16:43 24-FIT-9667B MALFU MPF Reported 2/21/08 02/20/08 08:27:54 02/20/08 08:29:11 14-TIC-152 ALARM MPF 02/20/08 15:42:58 02/20/08 15:44:04 14-TIC-152 **Reported 3/17/08** ALARM MPF Reported 3/17/08 02/26/08 11:39:44 02/26/08 11:43:52 14-TIC-153 ALARM MPF **Reported 3/17/08** 02/27/08 07:03:14 02/27/08 07:16:01 24-PDIC-222 MALFU MPF 02/27/08 07:11:22 02/27/08 07:12:38 14-PSHH-034 ALARM MPF 02/27/08 07:18:26 02/27/08 07:32:28 14-TIC-153 ALARM MPF 02/27/08 07:33:39 02/27/08 08:14:31 24-PDIT-222-H ALARM MPF **Reported 3/17/08** 02/29/08 10:21:01 02/29/08 10:21:36 14-TIC-152 ALARM MPF Reported 3/17/08 02/29/08 11:41:46 02/29/08 11:43:22 14-TIC-152 ALARM MPF **Reported 3/17/08** 02/29/08 15:48:10 02/29/08 15:56:21 14-TIC-153 ALARM MPF **Reported 3/17/08** 02/29/08 17:21:16 02/29/08 17:24:29 14-TIC-153 ALARM MPF Reported 3/17/08 02/29/08 18:55:30 02/29/08 19:00:49 14-TIC-153 ALARM MPF **Reported 3/17/08** 03/03/08 22:18:39 03/03/08 22:19:55 14-TIC-152 ALARM MPF **Reported 3/17/08** 03/12/08 10:43:59 03/12/08 10:45:02 14-TIC-153 ALARM MPF Reported 4/29/08 03/13/08 09:13:10 03/13/08 09:14:26 14-TIC-153 ALARM MPF Reported 4/29/08 03/22/08 23:04:02 03/22/08 23:04:31 14-TIC-152 ALARM MPF 03/22/08 23:06:24 03/22/08 23:06:48 14-TIC-152 ALARM MPF Reported 4/29/08 03/23/08 16:41:00 03/23/08 16:49:58 MAX-FIT-9667-H ALARMMPF Reported 4/29/08 03/31/08 12:51:00 03/31/08 13:00:52 14-TIC-153 ALARM MPF Reported 4/29/08 04/07/08 09:32:09 04/07/08 09:38:11 14-TIC-153 ALARM MPF Reported 4/29/08 04/07/08 12:59:07 04/07/08 13:06:36 24-PDIC-222 MALFU MPF 04/07/08 12:59:38 04/07/08 13:10:37 14-TIC-141 ALARM MPF 04/07/08 13:01:09 04/07/08 13:08:08 14-TIC-152 ALARM MPF 04/07/08 13:01:26 04/07/08 13:09:07 14-TIC-153 ALARM MPF 04/07/08 13:02:28 04/07/08 13:02:43 14-PSHH-034 ALARM MPF 04/07/08 13:02:55 04/07/08 13:06:31 14-PSHH-034 ALARM MPF 04/07/08 13:06:36 04/07/08 14:19:26 SEC-TIT-065-H ALARM MPF 04/07/08 13:10:36 04/07/08 14:11:27 24-PDIT-222-H ALARM MPF 04/07/08 13:12:55 04/07/08 13:19:32 24-PDIC-222 MALFU MPF 04/07/08 13:19:39 04/07/08 13:19:49 14-PSHH-034 ALARM MPF 

Boiler (Press press No. of Boiler Boiler exceedences (Press) (temp) Temp) boiler pressure temp temp Type System Wif Wfco f report date Time In Time Out Tag Reported 4/29/08 04/08/08 06:24:56 04/08/08 06:25:04 24-FIT-9667B MALFU MPF 04/08/08 06:25:05 04/08/08 06:25:08 24-FIT-9667B MALFU MPF 04/08/08 06:25:09 04/08/08 06:25:19 24-FIT-9667B MALFU MPF 04/08/08 06:25:24 04/08/08 06:25:35 24-FIT-9667B MALFU MPF 04/08/08 06:25:38 04/08/08 06:25:59 24-FIT-9667B MALFU MPF 04/08/08 06:26:00 04/08/08 06:26:04 24-FIT-9667B MALFU MPF 04/08/08 06:26:05 04/08/08 06:26:21 24-FIT-9667B MALFU MPF 04/08/08 06:28:11 04/08/08 06:37:10 MAX-FIT-9667-H ALARMMPF Reported 4/29/08 04/21/08 04:51:51 04/21/08 04:52:12 14-PSHH-034 ALARM MPF Reported 4/29/08 ALARM MPF 04/22/08 06:10:05 04/22/08 06:10:17 14-PSHH-034 04/24/08 22:09:24 04/24/08 22:10:13 14-TIC-152 Reported 4/29/08 ALARM MPF 04/24/08 22:12:18 04/24/08 22:13:02 14-TIC-152 ALARM MPF 04/24/08 22:14:53 04/24/08 22:15:45 14-TIC-152 ALARM MPF Λ Λ Λ 04/24/08 22:17:45 04/24/08 22:18:22 14-TIC-152 ALARM MPF Reported 5/22/08 04/25/08 00:04:58 04/25/08 00:39:53 MAX-FIT-9667-H ALARM MPF Reported 5/22/08 05/09/08 20:44:27 05/09/08 20:48:45 14-TIC-152 ALARM MPF Reported 5/22/08 ALARM MPF Reported 5/22/08 05/10/08 20:29:37 05/10/08 20:52:34 MC-12HR-MPF-H ALARM MPF Reported 5/22/08 05/11/08 15:16:32 05/11/08 15:17:34 14-TIC-152 ALARM MPF Reported 5/22/08 05/11/08 21:13:01 05/11/08 21:13:44 14-TIC-152 ALARM MPF ALARM MPF n 05/11/08 21:17:18 05/11/08 21:17:51 14-TIC-152 ALARM MPF 05/11/08 21:20:15 05/11/08 21:24:02 14-TIC-152 ALARM MPF 05/11/08 21:31:20 05/11/08 21:32:37 14-TIC-152 ALARM MPF ALARM MPF ALARM MPF 05/11/08 21:42:22 05/11/08 21:43:09 14-TIC-152 ALARM MPF 05/11/08 21:47:02 05/11/08 21:47:41 14-TIC-152 ALARM MPF Reported 5/22/08 05/12/08 13:10:42 05/12/08 13:13:30 14-TIC-152 ALARM MPF Reported 5/22/08 05/12/08 14:34:08 05/12/08 14:34:48 14-TIC-152 ALARM MPF Reported 5/22/08 05/13/08 05:00:33 05/13/08 05:02:41 14-PSHH-034 ALARM MPF Reported 5/22/08 05/17/08 11:10:08 05/17/08 11:33:26 14-PSHH-034 ALARM MPF Reported 6/25/08 05/19/08 03:32:22 05/19/08 03:32:32 14-PSHH-034 ALARM MPF **Reported 6/25/08** 05/19/08 05:12:57 05/19/08 05:13:54 14-TIC-152 ALARM MPF

Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp Time Out Type System Wif Wfco f report date Time In Tag Reported 6/25/08 ALARM MPF **Reported 6/25/08** 05/21/08 23:12:52 05/21/08 23:14:18 14-TIC-141 ALARM MPF 05/22/08 03:13:31 05/22/08 03:15:11 14-PSHH-034 ALARM MPF Reported 6/25/08 Reported 6/25/08 06/01/08 05:00:31 06/01/08 05:00:43 14-PSHH-034 ALARM MPF Reported 6/25/08 ALARM MPF 06/11/08 16:47:16 06/11/08 16:50:55 14-PSHH-034 Reported 6/25/08 06/13/08 20:11:05 06/13/08 20:11:25 14-PSHH-034 ALARM MPF n 06/13/08 20:11:29 06/13/08 20:13:10 14-PSHH-034 ALARM MPF 06/13/08 20:11:54 06/13/08 20:20:43 14-TIC-153 ALARM MPF n n 06/13/08 20:07:38 06/13/08 20:21:11 24-PDIC-222 MALFU MPF 06/13/08 20:17:30 06/13/08 20:21:11 14-TIC-152 ALARM MPF Λ Λ Λ 06/13/08 20:09:12 06/13/08 20:23:16 14-TIC-141 ALARM MPF 06/13/08 20:24:15 06/13/08 20:24:48 14-PSHH-034 ALARM MPF 06/13/08 20:28:18 06/13/08 20:28:34 14-PSHH-034 ALARM MPF 06/13/08 20:18:07 06/13/08 21:12:58 24-PDIT-222-H ALARM MPF Reported 6/25/08 06/15/08 12:50:37 06/15/08 13:21:13 24-PDIC-222 MALFU MPF 06/15/08 12:52:27 06/15/08 13:36:23 14-TIC-141 ALARM MPF ALARM MPF 06/15/08 13:01:48 06/15/08 14:22:35 24-PDIT-222-H ALARM MPF 06/15/08 13:02:34 06/15/08 13:22:24 14-TIC-153 ALARM MPF 06/15/08 13:09:01 06/15/08 13:27:27 14-TIC-152 ALARM MPF Reported 6/25/08 06/21/08 15:07:09 06/21/08 15:12:44 14-TIC-141 ALARM MPF > 60 days 06/23/08 19:33:05 06/23/08 20:24:56 24-AIT-669-H ALARM MPF > 60 days 06/26/08 19:39:40 06/26/08 19:39:52 14-PSHH-034 ALARM MPF 06/28/08 17:29:49 06/28/08 17:30:04 14-PSHH-034 ALARM MPF > 60 days 07/03/08 06:00:51 07/03/08 06:01:06 14-PSHH-034 ALARM MPF > 60 days 07/10/08 00:21:59 07/10/08 00:22:21 14-TIC-153 ALARM MPF > 60 days Λ 07/10/08 00:22:41 07/10/08 00:25:50 14-TIC-153 ALARM MPF **Reported 9/11/08** ALARM MPF Reported 9/11/08 08/18/08 11:49:34 08/18/08 11:50:26 14-TIC-152 ALARM MPF 08/18/08 11:54:08 08/18/08 12:04:54 14-TIC-152 ALARM MPF Λ **Reported 9/11/08** 08/27/08 16:34:43 08/27/08 16:53:08 14-PSHH-034 ALARM MPF 

**Reported 9/11/08** 

08/31/08 05:00:32 08/31/08 05:10:17 14-PSHH-034

ALARM MPF

Boiler

No. of	Doilor	Boiler	(Press				press &								
		(temp)	Temp)	boiler	pressure	temp		report date	Time In	Time Out	Tag	Туре	System	Wif	Wfco f
1	Ĭ	0	0					Reported 9/11/08	9/3/2008 20:00:00 PM - 24:00:00 AM sample period	9/4/2008 08:00:00 AM - 12:00:00 PM sample period	N/A	N/A	MPF	3	0
1	1	0	0	1	. :	1		Reported 9/11/08	09/05/08 04:29:29	09/05/08 04:29:46	14-PSHH-034	ALARI	MPF	3	0
1		0	0					Reported 9/11/08	09/08/08 02:48:45	09/08/08 02:49:26	14-PSHH-034	ALARI	MPF	7	0
1	0 0 0	0	0					Reported 9/11/08	09/08/08 17:24:09	09/08/08 17:27:56	14-TIC-153	ALARI	MPF	7	0
1	•	0	0		:	1		Reported 9/11/08	09/08/08 19:34:22	09/08/08 19:34:36	14-PSHH-034	ALARI	MPF	7	0
1		0	0					Reported 9/11/08	09/09/08 00:10:55	09/09/08 00:11:29	14-PSHH-034	ALARI	MPF	3	0
1	0 0	0 0	0 0			1		Reported 10/09/08	09/16/08 15:11:17	09/16/08 15:12:31	14-TIC-152	ALARI	MPF	7	0
1		0 0	0 0			1		Reported 10/09/08	09/18/08 17:19:34	09/18/08 17:21:42	14-TIC-152	ALARI	MPF	3	0
1	0 0 0	0 0 0	0 0 0					Reported 10/09/08		09/18/08 22:49:40 09/18/08 22:50:41		ALARI ALARI		3	
1	0 0	0 0 0 0	0 0 0	1		1		Reported 10/09/08	09/24/08 20:37:41	09/24/08 20:34:50 09/24/08 21:36:32 09/24/08 21:37:32	24-AIT-669-H	ALARN ALARN	MPF	3 3 3	0
1	0 1	0	0	1		1		Reported 10/09/08	09/25/08 08:26:42	09/25/08 08:28:26	14-PSHH-034	ALARI	MPF	3	0
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1	0 1 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	1		1		Reported 10/09/08	10/05/08 00:14:14 10/05/08 00:17:09 10/05/08 00:17:44 10/05/08 00:17:44	10/05/08 00:17:08 10/05/08 00:17:26 10/05/08 00:18:06 10/05/08 01:17:33 10/05/08 01:17:33	14-PSHH-034 24-FIT-9667B 14-AIT-384-H 24-AIT-669-H	MALFU ALARN ALARN ALARN	MPF JMPF MPF	3 3 3 3	0 0 0
1	1	0	0	1		1		Reported 10/09/08	10/05/08 23:33:24	10/05/08 23:33:59	14-PSHH-034	ALARI	MPF	3	0
1	-	0 0 0 0 0	0 0 0 0 0					Reported 11/20/08	10/11/08 00:44:22 10/11/08 00:44:26 10/11/08 00:44:41 10/11/08 00:44:52	10/11/08 00:44:19 10/11/08 00:44:25 10/11/08 00:44:39 10/11/08 00:44:49 10/11/08 00:44:54 10/11/08 00:45:16	24-FIT-9667B 24-FIT-9667B 24-FIT-9667B 24-FIT-9667B	MALFI MALFI MALFI MALFI MALFI	JMPF JMPF JMPF JMPF	3 3 3 3 3	0 0 0 0

Boiler (Press press No. of Boiler Boiler exceedences (Press) (temp) Temp) boiler pressure temp temp Type System Wif Wfco f report date Time In Time Out Tag 10/11/08 00:45:21 10/11/08 00:45:52 24-FIT-9667B MALFU MPF 10/11/08 00:45:53 10/11/08 00:46:00 24-FIT-9667B MALFU MPF 10/11/08 00:46:07 10/11/08 00:46:12 24-FIT-9667B MALFU MPF 10/11/08 00:46:16 10/11/08 00:46:42 24-FIT-9667B MALFU MPF 10/11/08 00:46:52 10/11/08 00:46:59 24-FIT-9667B MALFU MPF 10/11/08 00:47:01 10/11/08 00:47:05 24-FIT-9667B MALFU MPF 10/11/08 00:47:08 10/11/08 00:47:25 24-FIT-9667B MALFU MPF 10/11/08 00:47:26 10/11/08 00:47:29 24-FIT-9667B MALFU MPF 10/11/08 00:47:30 10/11/08 00:53:42 24-FIT-9667B MALFU MPF 10/11/08 00:53:43 10/11/08 00:54:08 24-FIT-9667B MALFU MPF 10/11/08 00:54:14 10/11/08 00:54:25 24-FIT-9667B MALFU MPF 10/11/08 00:54:29 10/11/08 00:54:30 24-FIT-9667B MALFU MPF 10/11/08 00:54:31 10/11/08 00:54:33 24-FIT-9667B MALFU MPF 10/11/08 00:54:42 10/11/08 00:54:44 24-FIT-9667B MALFU MPF 10/11/08 01:03:06 10/11/08 01:06:05 MAX-FIT-9667-H ALARM MPF ALARM MPF Reported 11/20/08 10/11/08 17:56:04 10/11/08 17:57:05 14-PSHH-034 Reported 11/20/08 10/12/08 05:00:35 10/12/08 05:00:54 14-PSHH-034 ALARM MPF Reported 11/20/08 ALARM MPF Reported 11/20/08 10/26/08 07:47:15 10/26/08 07:47:58 14-PSHH-034 ALARM MPF 10/26/08 07:49:06 10/26/08 07:49:16 14-PSHH-034 n n ALARM MPF 10/26/08 08:03:33 10/26/08 08:04:12 14-PSHH-034 ALARM MPF Reported 11/20/08 10/30/08 17:25:29 10/30/08 17:28:16 14-PSHH-034 ALARM MPF 10/30/08 17:28:57 10/30/08 18:28:46 14-AIT-384-H ALARM MPF Reported 11/20/08 10/30/08 23:12:21 10/30/08 23:12:31 14-PSHH-034 ALARM MPF ALARM MPF Reported 11/20/08 11/09/08 05:30:08 11/09/08 05:53:06 24-AIT-224-H ALARM MPF Reported 11/20/08 11/13/08 01:56:39 11/13/08 02:00:48 14-PSHH-034 ALARM MPF 11/13/08 02:06:08 11/13/08 02:36:03 14-AIT-384-H ALARM MPF Reported 11/20/08 11/17/08 02:52:36 11/17/08 02:57:21 14-PSHH-034 ALARM MPF 11/17/08 02:57:28 11/17/08 02:57:44 14-PSHH-034 ALARM MPF 11/17/08 02:57:54 11/17/08 03:30:08 24-PDIC-222 MALFU MPF 11/17/08 03:08:12 11/17/08 03:34:30 14-TIC-141 ALARM MPF 11/17/08 03:08:34 11/17/08 04:28:20 24-PDIT-222-H ALARM MPF 11/17/08 03:10:45 11/17/08 04:17:29 14-TIC-153 ALARM MPF 11/17/08 03:17:54 11/17/08 03:37:31 14-PSHH-034 ALARM MPF 

Boiler

No. of	D. II.	Dell.		(Press				press									
No. of exceedences		r Boil s)(ten		& Temn)	hoiler	pressure	temn	& temn	report date	Time In	Time Out	Tag	Type Sys	stem \	ιΛ/if	Wfco	f
CACCCGCTICCS	(1100	3) (tci	(קיי	(Cilip)	DOILCI	pressure	сстр	сспр	report date	Tillic III	Time Out	rag	Type Sys	occiii	7 7 11	VVICO	1
	1	0	0	0					#1	11/22/08 23:29:06	11/22/08 23:57:02	SEC-FIT-9667-H	ALARM MP	F	7		0
		0	0	0					45	11/25/00 21:50:10	11/25/00 21:50:21	14 DCIIII 024	AL ADMAND	_	2		0
	1	1	0	0		1			#2	11/25/08 21:58:18	11/25/08 21:58:31	14-PSHH-034	ALARM MP	Τ	3		0
	1	1	0	0		1			#3	11/26/08 02:37:11	11/26/08 02:37:32	14-PSHH-034	ALARM MP	F	3		0
	-	0	0	0		-	-		π3	11/20/00 02:57:11	11/20/00 02:57:52	11131111031	ALAKITI	•	J		J
	1	1	0	0		1			#4	11/26/08 04:57:41	11/26/08 04:57:53	14-PSHH-034	ALARM MP	F	3		0
		0	0	0													
	1	0	0	0					#5	11/30/08 05:00:34	11/30/08 05:02:19	14-PSHH-034	ALARM MP	F	3		0
		0	0	0													
	1	1	0	0		1	L		#6		12/01/08 09:27:25		ALARM MP		3		0
		0	0	0						12/01/08 08:28:35	12/01/08 09:27:25	14-AIT-384-H	ALARM MP	F	3		0
	_	0	0	0						12/01/02 17 50 04	12/01/02/12/02/14	4.4 DOLUL 00.4	41.454445	_	_		•
	1	1	0	0		1			#7		12/01/08 18:00:44		ALARMMP		3		0
		0	0	0							12/01/08 17:59:00		MALFUMP		3		0
		0	0	0							12/01/08 17:59:11		MALFUMP		3		0
		0	0	0							12/01/08 17:59:14		MALFUMP		3		0
		0	0	0							12/01/08 17:59:18		MALFUMP		3		0
		0	0	0							12/01/08 17:59:37		MALFUMP		3		0
		0	0	0							12/01/08 17:59:58		MALFUMP		3		0
		0	0	0							12/01/08 17:59:58		MALFUMP		3		0
		0	0	0							12/01/08 18:00:26		MALFUMP		3		0
		0	0	0							12/01/08 18:00:34		MALFUMP		3		0
		0	0	0							12/01/08 18:01:08		ALARMMP		3		0
		0	0	0							12/01/08 18:00:58		MALFUMP		3		0
		0		0							12/01/08 18:01:01		MALFUMP				0
		0	0	0							12/01/08 18:01:06		MALFU MP MALFU MP		3		0
		0	0	0							12/01/08 18:01:10 12/01/08 18:01:20		MALFUMP		3		0
		0	0	0							12/01/08 18:01:20		MALFUMP		3		0
		0	0	0							12/01/08 18:01:25		MALFUMP		3		0
		0	0	0							12/01/08 18:01:35		MALFUMP		3		0
		0	0	0							12/01/08 18:01:39		MALFUMP		3		0
		0	0	0							12/01/08 18:01:50		MALFUMP		3		0
		0	0	0							12/01/08 18:01:53		MALFUMP		3		0
		0	0	0							12/01/08 18:02:04		MALFUMP		3		0
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35	1 8	3 <b>2</b>	5	9		87	99	10									
33	•	_	_	_		3,			total exceedances	351							
									boilers	96							
									Boiler (Press)	82							
									Boiler (temp)	5							
									Boiler (Press & Temp)	9							

Boiler (Press press No. of Boiler Boiler & exceedences (Press) (temp) Temp) boiler pressure temp temp report date Time In Time Out Tag Type System Wif Wfco f Total Exceedances (as of 26 August 2006) 351 87 **Total Pressure Exceedances Total Temperature Exceedances** 99 **Total Pressure & Temperature Exceedances** 10 196 Total exceedances due to PCC Pressure or Low Temperature in zone 1 or 2 **Pressure Exceedances associated with Boiling TCs** 82 **Temperature Exceedances associated with Boiling TCs Pressure & Temperature Exceedances associated with Boiling TCs** Boiling Ion Exceedances that resulted in a **PCC Pressure or** Low Temperature in

Zone 1 or 2

## explanation

Water sprays and dilution air opened at the same time, causing a pressure fluctuation.

High Afterburner temperature caused primary chamber burners to shutdown, which caused pressure fluctuation in primary chamber

Water sprays and dilution air opened at the same time, causing a pressure fluctuation.

Water sprays and dilution air opened at the same time, causing a pressure fluctuation.

A wire in the CON-R caused a clean liquor pump malfunction, which resulted in a clean liquor flow low-low alarm. The second stage induced draft (I.D.) fan shut down and a pressure alarm resulted from the shutdown of the second stage I.D. fan.

Water sprays and dilution air opened at the same time, causing a pressure fluctuation.

During mustard shakedown, a high heel ton container combined with a reconfigured waste tray design combusted rapidly, causing pressure excursions, high temperature, and CO alarms

During testing of the quench emergency sprays for maintenance, a pressure fluctuation occurred

Water sprays and dilution air opened at the same time, causing a pressure fluctuation

Water sprays and dilution air opened at the same time, causing a pressure fluctuation

## explanation

Foaming in the PAS quench tower caused a level hi-hi on the level indicating transmitter, resulting in a furnace shut down

Water sprays and dilution air opened at the same time, causing a pressure fluctuation

Water sprays and dilution air opened at the same time, causing a pressure fluctuation

4 hour rolling average for the mercury standard was exceeded

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Foaming in the PAS quench tower caused a level hi-hi on the level indicating transmitter, resulting in a furnace shut down

Foaming in the PAS quench tower caused a level hi-hi on the level indicating transmitter, resulting in a furnace shut down

A plugged brine strainer in the PAS caused low venturi brine flow

Quench emergency sprays sprayed, causing a pressure fluctuation in the furnace

TC rapidly volatilized, water sprays cycled and dilution air opened at the same time (highest CO HRA was 42 PPM, <100 PPM)

quench tower hi-hi caused a furnace shutdown (NO CO alarms, 0 PPM HRA)

explanation
demister pad sprays cycling and TC being introduced into zone 1 at the same time $\ensuremath{^{1}}$
Hi CO due to TC D-23049 boiling over in zone 1
quench tower hi-hi caused a furnace shutdown
boiling ton in zone 1
volatizing TC and high AB temp initialized dilution air
boiling ton in zone 1
quench emergency sprays caused a pressure fluctuation
boiling ton in zone 1
boiling ton in zone 1

explanation boiling ton in zone 1 boiling ton boiling ton CON-R 108 low voltage boiling ton boiling ton boiling ton. aw CO values over 100 PPM for 1 minute heel wt. 584 lbs. temp below 1200 degrees for longer than 2 minutes boiling ton Raw CO values over 100 PPM for 3 minutes heel wt. 471 lbs. boiling ton Raw CO values over 100 PPM for 4 minutes heel wt. 631 lbs low temp due to shakedown/CPT low temp parameters boiling ton raw CO value over 100 PPM for 1 1/2 minutes. heel wt. 479 lbs. temp low due to CPT parameters temp low due to CPT parameters boiling ton - #D43347 raw CO value over 100 PPM for 4 minutes heel wt. 580 lbs

boiling ton - #D47858

raw CO value over 100 PPM for 1.5 minutes CO did not exceed Hourly Rolling Average

explanation heel wt. 557 lbs

temp low due to CPT parameters

boiling ton - #D-22865 raw CO value over 100 PPM for 2 minutes CO did not exceed Hourly Rolling Average heel wt. 423 lbs

temp low due to CPT parameters

boiling ton - D#52546 raw CO 100 PPM for 1.5 minutes CO did not exceed Hourly Rolling Average heel wt. 552 lbs.

temp low due to CPT parameters

Quench LAHH - shutdown furnace

temp low due to CPT parameters

## explanation

ID fan breaker tripped @ 08:08 and shut furnace down, then TC boiled @ 08:14. Raw CO >100 PPM for 9 minutes, heel wt. 526 lbs.

boiling TC # 22441, 7 burner shutdown, heel wt. 630 lbs., raw CO >100 PPM for 2 minutes. (DID NOT EXCEED CO HRA.)

boiling TC # 49011, 7 burner shutdown, heel wt. 619 lbs., raw CO >100 PPM for 2 minutes. (DID NOT EXCEED CO HRA.)

boiling TC # 83142, heel wt. 543 lbs., raw CO >100 PPM for 3.5 minutes Span of CO CEMS exceeded for greater than one minute, 10,000 PPM default value used to calculate CO HRA.

boiling TC # 17549, heel wt. 540 lbs., raw CO >100 PPM for 1 minute. (DID NOT EXCEED CO HRA.)

Plugged brine strainer caused TAHH-509 (overhead temp), the e-sprays came on which caused pressure alarm in the furnace.

Thermocouple spread greater than 125 degrees apart, TIC-152 dropped below 1200°. (Contacted furnace Engineer regarding temperature drops in zone 1, temp drop possibly due to slow tray transfer).

CRO inadvertently opened both emergency dampers, causing a pressure fluctuation

TC #45804 boiled over in zone #1, heel wt. 609 lbs., CO >100 PPM for 5.5 minutes.

### explanation TC #45195 boiled over in zone #1 and caused a 7 burner shutdown. Heel wt. 542 lbs. TC #48137 boiler over in zone #1. Heel wt. 532 lbs. While transferring a TC from the MPF charge airlock to zone 1, a shear pin on the zone 1 conveyor was sheared, delaying the transfer of the ton. Due to heat loss from the charge airlock entry gate being left open, the temperature eventually fell below 1200° Quench LAHH Quench emergency sprays came on and caused a pressure fluctuation boiling ton, TC#49010, heel wt. 379 lbs., raw CO >100 PPM for 4.5 minutes boiling ton, TC #48234, heel wt. 489 lbs., raw CO >100 PPM for 4 minutes The zone temperature controller uses the higher temperature indication to control the temperature, the AWFCO uses the lower zone temperature indication. CRO turned over to Engineering for resolution. (See temp change #208 that changes the PLC for TCs to use the lowest output of the transmitters.) Quench emergency sprays came on and caused a pressure fluctuation.

explanation boiling ton, TC #49512, heel wt. 469 lbs., raw CO >100 PPM for 3.5 minutes
Cycling water sprays in zone 1 and zone 2 per SOP. (Condition Report #286029 submitted regarding the cycling of the water sprays.)
boiling ton, TC #47562, heel wt. 490 lbs., no CO HRA
Unknown pressure swing just before a tray went into the exit airlock. Possible that outer gate wasn't completely sealed, even though it showed clamped.
Quench emergency sprays came on and caused a pressure fluctuation.
Quench LAHH. A work request was initiated to increase LAHH-242 from 4.0" WC to 5.8" WC in order to allow more response time.
pressure swing occurred when CRO transferred a misc. waste tray into the DAL. Contacted CRO for more information.
boiling ton, TC #49021 heel wt. 600 lbs., no CO HRA

# explanation During the rapid volatilization of TC #92396, CRO manually opened dilution air to catch rapidly rising furnace temperatures in order to prevent furnace ETL's and shutdowns. Breaker PMs - adjusting combustion air during startup and shutdown of 2nd stage ID fan. Condition report # 301384 submitted.

Breaker PMs - started 1st Stage ID fan after breaker PMs complete. Condition report # 301384 submitted.

boiling ton, TC #81114 heel wt. 574 lbs., no CO HRA

boiling ton, TC #42923 heel wt. 607 lbs., CO >100 PPM for 7 minutes

CRO input CV of 5% into PIC-070 instead of 35% correct a pressure swing. CRO input correct value to correct the problem.

boiling ton, TC #46639, heel wt. 605 lbs.

boiling ton, TC #80986, heel wt. 558 lbs.

Temperature dropping below limit when TC was transferred from zone 2 to zone 3. System Engineer was notified. Temp was increased from 1440° to 1450° to prevent future alarms. WR#307660 was submitted by system engineer to adjust/repair burners #4, #7 and #8. WR # 307699 was also submitted by system engineer to balance the combustion air flow.

Temperature dropping below limit when TC was transferred from zone 2 to zone 3. System Engineer was notified. Temp was increased from  $1440^{\circ}$  to  $1450^{\circ}$  to prevent future alarms. WR#307660 was also submitted to adjust or repair burners #4, #7 and #8 and WR # 307699 was submitted by system engineer to balance the combustion air flow.

thermocouple dropped below setpoint

Clean liquor pump was shut down on the MPF instead of the DFS. Pump was immediately started.

thermocouple dropped below setpoint

boiling ton, TC #49027, heel wt. 475 lbs., raw CO > 100 PPM for 2 minutes

annual calibration done to PIT-034 with waste in the furnace. CR#315393 submitted

During switching of combustion air blowers, setpoint for the venturi reset to 30" wc. CRO reset the setpoint to 35" wc per SOP. Engineering work request #315631 was submitted to change the automatic reset setpoint.

low temperature in zone 2. Low low alarm occurred when TC transferred from zone 1 to zone 2. SOP-012 was implemented to increase the temperature set point and the System Engineer is following up on a work request previously submitted to adjust fuel gas flow to burners.

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boiling ton -# D48126, heel wt. 602 lbs.

boiling ton - D44702, heel wt. 502 lbs.

When feeding TC to zone 1, thermocouple TIT-152 dropped below 1200°. Burners were adjusted to balance temperature in the zones.

pressure swing due to quick ramp up of burner 11 & 12

zone 1 temperature drop after tray #146 was fed; furnace could not adjust

boiling ton - D45259, heel wt. 619 lbs.

e-sprays

low temperature in zone 1. Low low alarm occurred when TC transfers from zone 1 to zone 2

low temperature in zone 1. Low low alarm occurred when TC transfers from zone 1 to zone 2

low temperature in zone 1. Low low alarm occurred when TC transfers from zone 1 to zone 2  $\,$ 

low temperature in zone 2. Low low alarm occurred when TC transfers from zone 2

boiling ton (at the same time, a TC was entering the DAL)

boiling ton

 ${\sf TC}$  transferring to DAL, and  ${\sf TC}$  from Zone 2 to Zone 3. Transient pressure spike when door to DAL opened.

boiling TC, dilution air and water sprays on at the same time.

boiling ton - D5556, heel wt. 583 lbs.; caused 7 burner shutdown

boiling ton - D22733, heel wt. 570 lbs.; caused 7 burner shutdown



explanation
temp low due to tray transfer from zone 2 to zone 3  LSLL brine sump; LAL came in and 3 secs later LL came in causing furnace shutdown
boiling ton - #D-18262, heel wt. 579 lbs.
boiling ton - #D-42871, heel wt. 575 lbs.
boiling ton - #D-78983, heel wt. 574 lbs., CO >100 PPM for 2 1/2 minutes
boiling ton - $\# D15279$ - at the same time, the PAS venturi was sticking.
Venturi plunger sticking, CRO put venturi in manual and stabilized furnace. ** PAS venturi issues can no longer be considered malfunctions due to the frequency of

High temperature in the afterburner caused additional air flow, which resulted in a

their occurrence.

pressure swing

## explanation High temperature in the afterburner caused additional air flow, which resulted in a pressure high high pressure hi hi due to water sprays hard and causing pressure swing due to code issues from temp change 219 boiling ton, D#35423, heel weight 620 lbs., raw CO >100 PPM for 6 1/2 minutes boiling ton, D# 54563, heel weight 583 lbs. venturi dP HRA too low, CRO adjusted setpoint venturi sticking and a ton boiling over at the same time

Temperature dropped in zone 2. Temperature control issues are being evaluated.

explanation venturi sticking - CRO stroked the venturi to free it up of solids. WR#330552 completed 7/29/07

boiling ton, D#24344, heel weight 469 lbs

after performing daily zone spray check, TIC-141 would not hold set point and started to tracker lower temperatures. WR# 331083 submitted to investigate and correct the problem.

TIC-141 dropped below low-low, causing the instantaneous alarm. CRO inadvertently placed the controller back in auto after it had been running in manual since the prior temperature alarm. CRO placed controller back in manual to control the temperature.

DAL was empty and the afterburner reached 2030°

TIT-141 was not tracking normally after completion of zone 2 spray test. CRO contacted system Engineer. Temp change will be installed to remove 32° temp cutoff for controller averaging. (Similar to zone 1 change previously.)

zone sprays came on as the tray was transferring from zone 2 to zone 3

boiling ton, D# 383486, heel wt. 422 lbs.

Scrubber sump low low caused a furnace shutdown.

venturi dP HRA too low, CRO adjusted setpoint

boiling ton, D #22679, heel wt.432 lbs.

during TC transfer, the PRW spray and fire rate temp were fighting each other. Burner #4 fuel gas cycling between 2 and 20. WO #332808 completed to repair burner #4.

boiling ton, D# 43436, heel wt. 544 pounds

cold air entering furnace through XV-9503 caused a temperature drop and afterburner could not keep up due to soft stop on FIC-409 and FIC-429 being moved down to 60 scfm recently by system engineer. CRO wrote WR #340040 to move soft stop on fuel gas FIC-409 and FIC-429 from 60 scfm to 100 scfm.

water sprays stayed on too long (system engineer to put in a change to have zone 1 sprays react during secondary waste feed like TC processing)

1

water sprays stayed on too long (system engineer to put in a change to have zone 1 sprays react during secondary waste feed like TC processing)

boiling ton - D# 81623, heel Wt. 547 lbs.

boiling ton - D# 22648, heel wt. 623 lbs.

boiling ton - D#14854, heel wt. 446 lbs.

boiling ton - D#21831, heel wt. 417 lbs.

boiling ton - D #79189, heel wt. 629 lbs., raw CO >100 PPM for 4 minutes

boiling ton - D #76752, heel wt. 513 lbs.

boiling ton - D #46652, heel wt. 603 lbs.

low zone 1 temp. Engineering initiated FTC 341725 to adjust temperature control

boiling ton, D# 51146, heel wt. 602 lbs.

ton transferring to DAL from zone 3 while a ton was volatilizing in zone 1.

boiling ton, D#79177, heel wt. 622 lbs., raw CO >100 PPM for 2 minutes

boiling ton, D #45322, heel wt. 543 lbs.

boiling ton, D #81049, heel wt. 478 lbs

boiling ton, D #42427, heel wt. 597 lbs.

boiling ton, D #41880, 566 lbs., uncorrected CO >100 PPM for 2 1/2 minutes

boiling ton, D #41866, heel wt. 619 lbs.

Hit high flow limit

Hit high flow limit; wrote email to system engineer

Inner door closed on secondary waste tray. Zone 1 temperature dropped below setpoint.

boiling ton, D #79910, heel wt. 625 lbs.

boiling ton, D #79107, heel wt. 622 lbs, uncorrected CO >100 PPM for 1.5 minutes

explanation boiling ton, D #79243, heel wt. 616 lbs. boiling ton, D #38386, heel wt. 476 lbs.

low zone one temperature drop. System Engineer is investigating.

low zone one temperature drop. System Engineer is investigating.

Mercury standard was exceeded.

boiling ton, D#79298, heel wt. 624 lbs.

boiling ton, D# 78719, heel wt. 440 lbs.

When TC transferred from zone 1 to zone 2, it still had a lot of heat. When the zone 2 sprays came on, it caused zone 1 thermocouples to go too far apart, initiating an AWFCO.

Max flow on v-cone. CRO closed down 8" valve in the DAL.

max flow on v-cone due to higher setpoint in furnace (5.90) CRO talked to system engineer and was directed to lower setpoint and/or throttle back on VX-9503 in the DAL.

Low zone one temp. During processing a WIC tray, furnace didn't respond fast enough to the temp drop. CRO took manual control as soon as alarm came in.

Max flow on v-cone. CRO closed down 8" valve in the DAL.

possible opening of dilution air in AB

pressure swing occurred while a child ton in zone 1 rapidly increased the temperature on TIT-010, resulting in a heavy influx of dilution air for cooling, PIC-070 responded slowly.

Zone 1 temp dropped during tray transfer from zone 1 to zone 2. SOP followed for auto ton transfer, zone 1 unable to fire and maintain temp.

Zone 1 temp dropped. Engineering notified of ongoing flow and temperature issues.

Communication problem resulted in maintenance on the incorrect instrument

Water leaking through spray valve 14-TV-742 onto one of the thermocouples in Zone 2 also affected Zone 3 temps.

Max flue gas flow on V-cone occurred.

Water leaking through spray valve 14-TV-742 onto one of the thermocouples in Zone 2 also affected Zone 3 temps.

Water leaking through spray valve 14-TV-742 onto one of the thermocouples in Zone 2 also affected Zone 3 temps.

Temperature differential between the two averaging thermocouples in Zone 2 diverging >70°F; caused by water leaking through spray valve 14-TV-742 onto one of the thermocouples in Zone 2 affected Zone 3 temps.

Caused by earlier malfunction that was not resolved quickly enough. The malfunction consisted of a temperature differential between the two averaging thermocouples in Zone 2 diverging >90°F caused by water leaking through PRW spray valve 14-TV-742 onto one of the thermocouples; valve will be replaced.

Max flue gas flow on the V-cone occurred; pressure swing in furnace

Shakedown parameters were too close to AWFCO setpoints; setpoints were changed

Water spray curve was too aggressive and triggered the high pressure alarm; change to the water spray curve was made to reduce the amount of water used to control the temperature.

quench brine density setpoint for projo shakedown carried over to misc waste processing causing an exceedance of the 12-hr rolling average.

wif; PCC pressure swing, unknown reason

wif; PCC pressure swing, unknown reason

TIT-141 and TIT-392 drifted greater than 80 degrees apart; Temp change 233 address this for tons and projos only. When either of the thermocouples drops below the MACT set point, an alarm is generated causing a str Rapidly volatizing projos (48 projos) in Zone 1.

Venturi DP dropped below setpoint

high flow during secondary waste processing

Temperature low-low in Zone 1 while processing Secondary Waste due to water sprays bringing temps down

high system flow during secondary waste- CRO closed off XV-9503 to decrease flow, but it did not work. The flow through the MPF cooling air nozzle has since been reduced.

tray finished combusting in zone 1, gas did not compensate fast enough to bring the temp up to normal operating temp

during secondary waste processing, zone 1 thermocouples were reading differently. TIC-152 was reading low and TIC-391 was reading high. The furnace was controlling to TIC-391, causing TIC-152 to drop below the MAC

high system flow during secondary waste processing.

High system flow during secondary waste processing. The system Engineer is adjusting air flow.

temp drop in zone 1

temp drop in zone 1

high system flow during secondary waste processing.

exceeded chlorine feed rate (an ECP is in progress to install an I-lock to prevent this in the future)

explanation low zone 1 temp

high system flow during secondary waste processing.

high system flow during ton container processing.

high system flow during 155 processing

Zone 1 temp dropped low following transfer of tray from Zone 1 to Zone 2 during 155 processing

low temp in zone 1 during processing of secondary waste

high system flow during secondary waste processing.

CRO had to shut down burners to purge after 7 burner shutdown. No observable reason for burners to lock out.

high system flow during secondary waste processing.

water sprays came on after 155 volatilization was complete

Quench LAHHH

CL pH not responding fast enough to keep up when tray is volatilizing

pH control was erratic, CRO brought it back up in manual

exceeded flow rate, CRO took manual control of room air in the DAL XV-9503 and closed the valve to get the flow below the setpoint

low zone 1 temp when shutting down burner #10 for fuel gas calibrations

low zone 2 temp; thermocouple has been replaced and temp setpoint was increased

low zone 2 temp; thermocouple has been replaced and temp setpoint was increased

low zone 2 temp; thermocouple has been replaced and temp setpoint was increased

low zone 2 temp; thermocouple has been replaced and temp setpoint was increased

low zone 2 temp - WR#385108

exceeded max flow rate - CRO lowered flow

exceeded max flow rate during system testing - testing was stopped.

Quench tower level switch high-high-high

exceeded max flow rate

exceeded max flow rate - CRO closed XV-9503

low zone 3 temp

(SW- M2 Area 10 sampling debris) Low clean liquor pH. The setpoint is being increased. Also, caustic valve (AV-247) was stuck. The low pH may be a dual problem - an inoperative caustic valve and a low setpoint value.

(SW- M2 Area 10 sampling debris) low zone 1 temp

(SW- M2 Area 10 sampling debris) low zone 1 temp

(SW- M2 Area 10 sampling debris) low zone 1 temp

(SW - M1 DPE suits) low zone 3 temp when tray transferred out of the DAL. CRO e-mailed system engineer.

(SW - M2 Area 10 sampling debris) low zone 1 temp - sec waste tray feeding into zone 1 from charge airlock, while gate was open, temperature dropped and the burners did not react fast enough.

low zone 3 temp - while transferring a tray from the discharge airlock, there was a WIC tray in zone 3 and the temp went >50 degrees apart, initiated a MACT alarm. CRO increased zone 3 temp to get probes back in line.

rapidly volatilizing 155 tray

sprays in zone 1 and zone 2 activated (tray transfer due to broken shear pin)

(SW - HDPE) low zone 1 temp. After investigation by engineering, it was determined that burner # 3 in zone 1 was not operating correctly. Engineering is balancing the burners in zone 1 to correct the problem. Additionally

(SW- M2 Area 10 sampling debris) low zone 1 temp. After investigation by engineering, it was determined that now, burner # 2 in zone 1 is not operating correctly.

zone 3 temp low low due to thermocouples which differed by 100° F. Possibly due to a tray still combusting

Quench tower LAHHH

low zone 1 temp, System Engineer notified

low zone 1 temp, System Engineer notified

low zone 3 temp during secondary waste processing

low zone 3 temp during secondary waste processing

low zone 3 temp during secondary waste processing

low zone 1 temp during secondary waste processing

(SW - M1 DPE suits) low zone 3 temp during secondary waste processing. System Engineer is evaluating zone 2 times and temperature setpoints.

Low zone 3 temp during secondary waste processing. Zone 3 temp setpoint has been increased.

during replacement of FIC-249, fuse was pulled on FV-262, shutting off combustion air to burner #4

exceeded max flow rate while processing 155 projos

Zone 3 temp dropped low when a tray of secondary waste was backed from the DAL to Zone 3 following an AL-468B ACAMS alarm in the DAL

Zone 3 temp dropped low when a tray of secondary waste was backed from the DAL to Zone 3 following an AL-468A ACAMS alarm in the DAL

lube oil shut down due to a pressure low-low (the e-stop was possibly hit)

Exceeded max flow rate while processing 155 projos.

(SW - M4 HDPE Plastic) secondary waste tray in zone 1, water sprays activated

(SW - M1 DPE Suits) secondary waste tray in zone 1, water sprays activated

Just after feeding a tray of projos, DPE entry had the charge airlock door open while washing out the airlock. This caused a decrease in temperature in zone 1 along with PRW sprays hitting near TE-125, resulting in therms

High system flow. DPE entry washing out the charge airlock with the door open, causing increased system flow during 155 processing. CRO closed charge airlock door and allowed system to stabilize, additionally, CRO atter

low zone 1 temp during 155 processing - tray had just finished burning hard in zone 1 and water sprays had been coming in and out in auto

low zone 1 temp during 155 processing - tray had just finished burning hard in zone 1 with everything in auto and the temperature in zone 1 dropped

exceeded chlorine feed rate during 155 processing - The furnace had been running with a MACT pre-alarm for chlorine all weekend. The CRO mistakenly thought that the furnace would not feed a tray if the chlorine feed rate

low zone 1 temp during secondary waste processing (DPE suits) - Zone 1 thermocouple differential temp >100°F while tray was transferring out of zone 1, CRO manually increased CV of fuel gas, but temp dropped too fast

low zone 1 temp during 155 processing - More than 200°F difference between the two thermocouples in zone 1 causing a TAHH and a TALL in zone 1 at the same time. CRO note: the temp imbalance that has been a problem.

low zone 1 temp during 155 processing - thermocouples TIT-152 and TIT-391 running more than 100°F apart causing TALL-152 to come in

low zone 1 temp during 155 processing - thermocouples TIT-152 and TIT-391 running more than 100°F apart causing TALL-152 to come in

During the morning test of the guench emergency sprays, CRO did not see a pressure swing and didn't get a PAH or a PAHH, just the MACT PSH.

While running dilution air in manual to control  $O_2$  level to prevent a low  $O_2$ , the  $O_2$  started dropping faster than on previous trays. The operator cut in too much dilution air too fast to try and stop  $O_2$  from dropping and caus

CRO fed secondary waste tray to zone 1 and got low O2 readings. CRO opened up dilution air and gave furnace a pressure swing. (CRO note: look into code on dilution air to make sure that it opens up fast enough.)

Thermocouples 391 and 152 more than 125 degrees off. Burner #3 probably has an affect on the situation.

During secondary waste processing, Burner # 3 locked-out 3 minutes before alarm at the same time, PRW sprays in zone 1 were going off. Zone temperature quickly dropped before CRO could recover burner # 3.CRO plac I&C calibrated FV-302 (combustion air for burner #6). Their calibration gave too much combustion air too fast with the burner off and dropped the temperature in zone 2. CRO recovered the temperature.

The dilution air dampers had to be cycled all the way to 100% for maintenance. This resulted in a pressure swing in the furnace, causing a PSHH.

Pressure excursion in the primary chamber. While tray 680 was exiting the DAL, the e-sprays went off. Valve XV-9503 was in manual and closed as well as TIC-152A water sprays, per system engineer.

Pressure swing in the furnace during secondary waste feed. Tray volatilizing in zone 1, CRO note: this was the first time a tray was fed with the dilution air setpoint at 350 SCFM instead of 200 SCFM per engineer.

Furnace shutdown for quench LSHHH-242, which came in along with LSH and LSHH. CRO requested PAS operator to blow down the quench LIT to clear an erroneous reading and also to add more defoamer to the brine loc

Burner shutdown due to instantaneous quench LAHHH-242 level. Quench high level was due to foaming 45 minutes after a projo tray was fed.

CRO performed testing of zone sprays during secondary waste feed for readings per SOP-012 operation 4 and got a temperature low low in zone 2.

Exhaust gas CO had a spike which caused a MACT pre-alarm. Reading immediately started to decrease. CRO notified monitoring and withing 2 minutes the MACT alarm came in. CRO called monitoring and had them verify 1 Adding dilution air to prevent low O2 while feeding a WIC tray with 34 lbs of plastic (drums) resulted in pressure swing. CRO note: while feeding these certain trays place furnace pressure PIC-070 in manual to control pressure secondary waste tray (28 lbs. of M1 HDPE plastic) was volatilizing, causing a pressure excursion in the furnace.

High furnace pressure caused by volatizing load in zone 1. Tray #817 with 64 lbs. of LSS hoses caused a system upset.

Temp low-low in zone 3. CRO placed burners 9 & 10 in manual at 30% CV to raise temp. Alarm was due to the fuel gas flows for burners 9 & 10 drifting. Burner 10 was twice the flow of burner 9, which kept TIC-153 at low

Pressure excursion while feeding misc. waste tray. CRO notified Engineering. Engineering is adjusting the water spray curve.

low temp in zone 1 caused by an unevenly loaded waste tray (airlock trash). There was a 200° difference between TIT-152 and TIT-391. All of the heat appeared to be burning on the west end of the tray close to TIT-152.

Boiling ton, TC#29796, heel wt. 580 lbs.

Pressure swing during secondary waste tray (M4) processing; tray transfer into the DAL with Valve XV-502 and Valve XV-501 opening caused too much additional air during daily emergency water spray test.

12 hour rolling average mercury standard was exceeded. TC# 77488, heel wt. 263 lbs.The corrective action to further minimize the occurrence of Hg exceedances is to process only those TCs having a liquid Mustard Hg res boiling ton - TC#28410, heel wt. 593 lbs.

Pressure swing during secondary waste (M6) tray transfer from zone 3 to DAL.

Temperature low alarm in zone 3 during secondary waste (M6) processing, CRO took manual control of TIC-153 and ramped the temp above 1500°. Engineering investigated and determined that the tray was still volatilizing when it moved Pressure swing during water spray activation during secondary waste (M6) processing. (CRO followed procedure and still received alarm).

Maintenance adjusting water sprays

Low zone 1 temp during secondary waste (M6 - 90 lbs airlock trash) tray processing. One minute after tray got into zone 1, MACT instantaneous alarm TALL-152 came in. CRO note: there is normally a temperature dip whe One minute after an L-6 TC was fed to zone 1, the zone 1 instantaneous low temp alarm came in. FTC #446197 has been submitted to reconfigure the thermocouple placement in zone 1 in order to minimize instances of full boiling ton, D#51102, heel wt. 612 lbs, uncorrected CO >100 PPM for 4 minutes

boiling ton - D#94368, heel wt. 579 lbs., uncorrected CO >100 PPM for 2.5 minutes

boiling ton - D#53710, heel wt. 622 lbs.

boiling ton - D#17423, heel wt. 600 lbs.

boiling ton - D#5511, heel wt. 609 lbs.

Pressure alarm occurred when FIC-500 (dilution air) opened too fast to compensate for a drop in O2. The drop in O2 was caused by tray #875 (M-1 DPE suits) igniting in zone 1. Engineering is investigating.

boiling ton - D#8180, heel wt. 621 lbs., uncorrected CO >100 PPM for 3 minutes

boiling ton - D#54633, heel wt. 461 lbs.

Child TC - Malfunction on 24-FIT-9667B caused by changing parameters in zone 1 during child ton processing. CRO allowed system flow to come back within parameters maintaining all CAB air valves in auto. (Note: excess

explanation	
Child TC - Instantaneous PSHH-034. System recovered immediately. Checked all systems and could find no apparent reason for pressure swing. (Note: this happened right at the time that a tray transferred into the dischange	
Child TC - Emergency quench sprays caused a pressure exceedance.	
First tray of secondary waste feed to furnace. All parameters for TCs were no cleared by the software. Zone 1 reacted as if a child ton had been fed to the furnace. TIC-152 automatically changed from the setpoint of 1530	
Tray 865 of sec waste (DPE suits) volatizing in zone 1 caused pressure swings (288 lbs)	
helitaria en D. (42.442 heritaria F22.11) a consentad CO a 420 DDM (12.2 minutes	
boiling ton - D#43412, heel wt. 592 lbs., uncorrected CO >100 PPM for 2 minutes	
boiling ton - D#2468, heel wt. 614 lbs.	
Minimum brine pH. Caustic was not valved in prior to feeding furnace.(Caustic was valved in after alarm.)	
boiling ton - D#83409, heel wt. 598 lbs., uncorrected CO >100 PPM for 3 minutes	
after breaker PMs on the emergency blower, CRO placed emergency blower (PAS-BLOW-106) and XY-949 back in auto. The emergency blower started and XY-949 opened, causing a pressure surge in the primary chamber.	

High system flow while processing secondary waste (M-1). Afterburner fuel gas erratic due to temp change #46799. Advisor unable to control temperature in afterburner. CRO lowered system flow, changed back to code prior to TC #46799.

boiling ton - D#82787, heel wt. 474 lbs.

boiling ton - D#81401, heel wt. 471 lbs.

boiling ton - D#24106, heel wt. 471 lbs.

quench emergency sprays activated

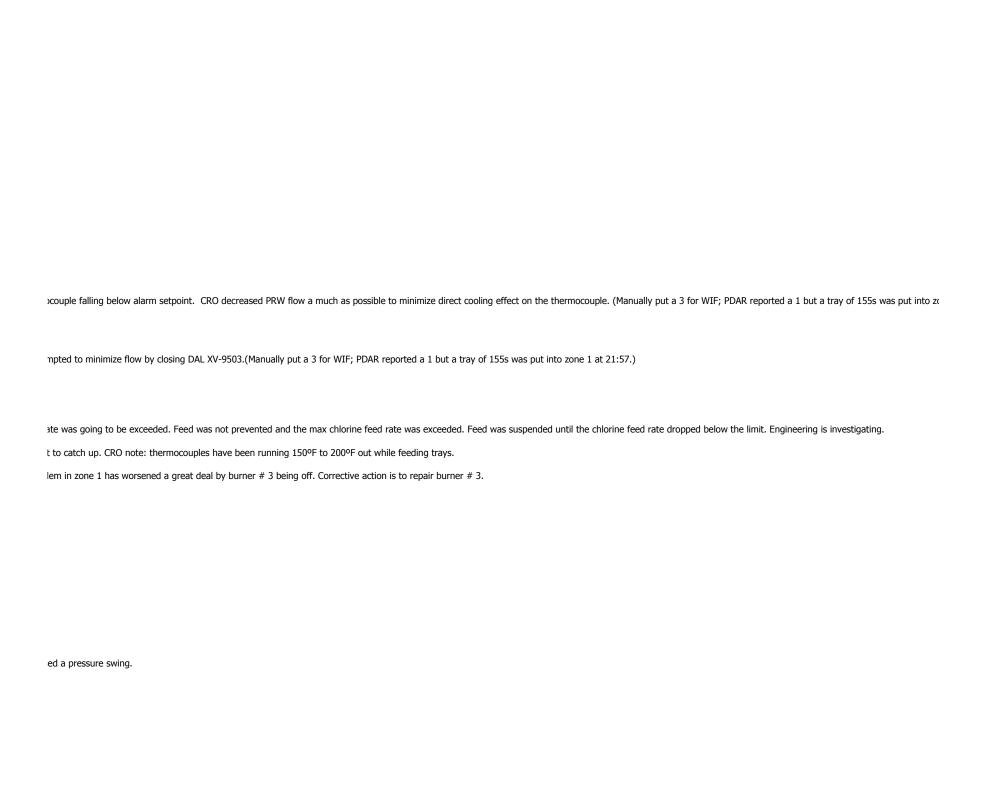
Boiling ton - child ton #08331-05, heel wt. 544 lbs., uncorrected CO >100 PPM for 4 minutes (caused a 7-burner shutdown).

child ton volatilizing in zone 1

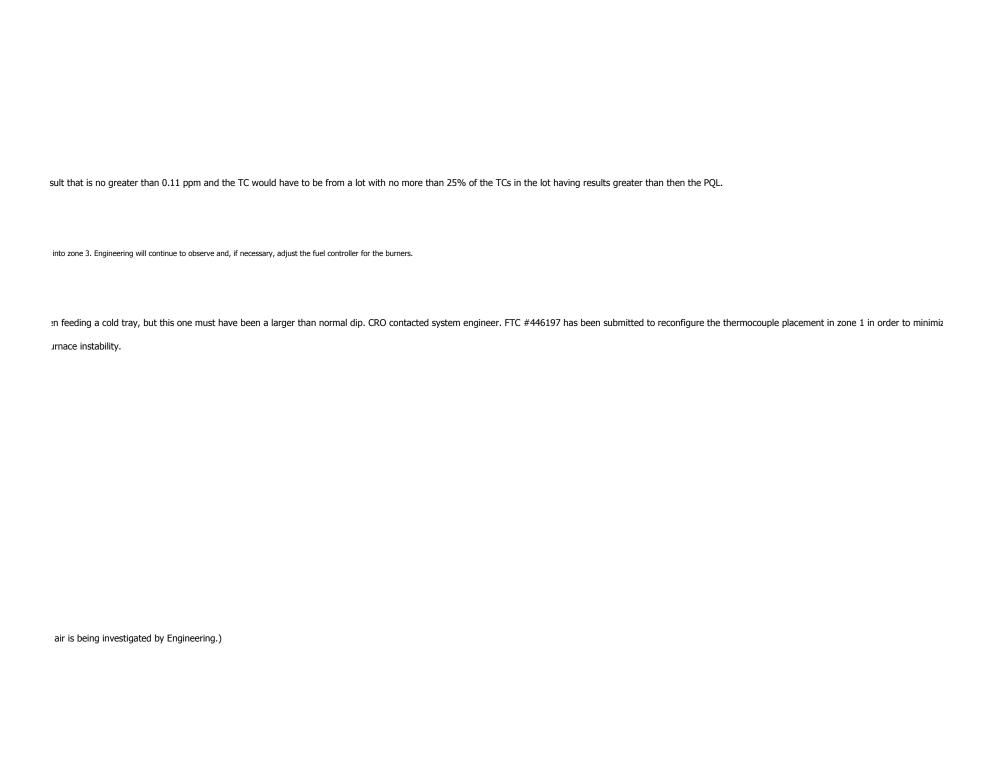
op feed.

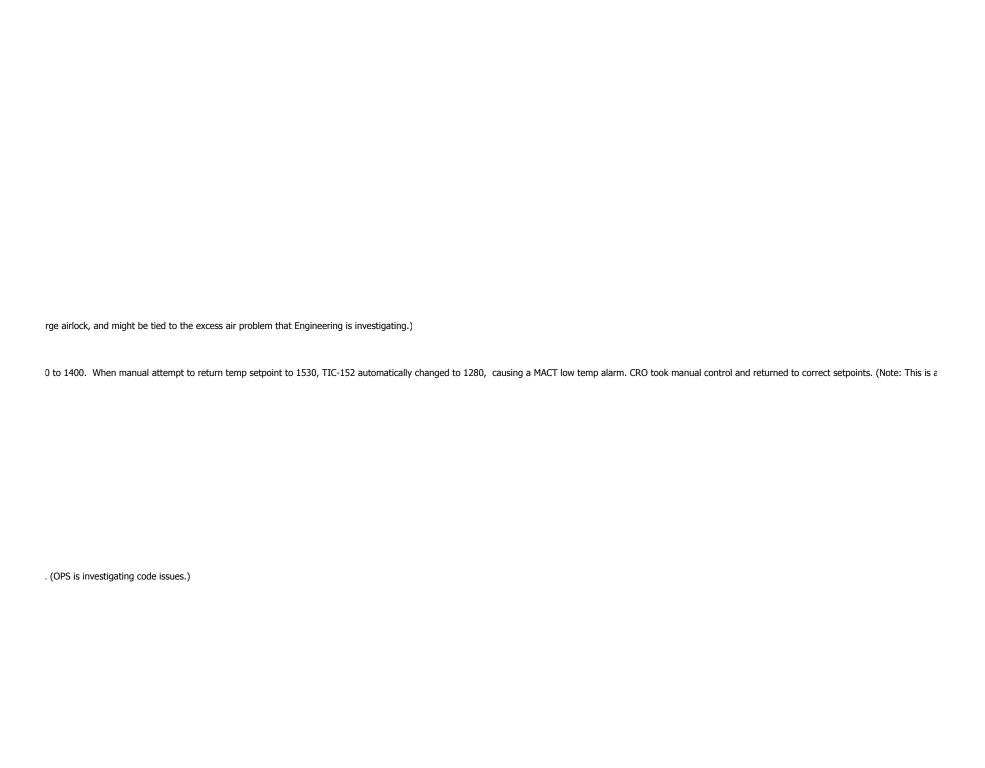
CT limit.





ed TIC-152A in manual and closed PRW sprays, then relit burner # 3.
op. CRO proceeded to stabilize and recovery furnace. (CRO note: the quench LIT has been indicating a false reading after charging new projectile trays for at least the past couple of shifts which has been countered wi
that the monitor was operating properly. Monitoring verified operation of both CO analyzers. C <sup>2</sup> were low at the same time. Engineering is evaluation causes of CO spikes during 155 processing.
sure excursions. (SMuir note: OPS has lowered tray weight to 28 lbs. to prevent this problem.) Also note that engineering has given ops a function test that will add more air (Oxygen) by increasing the primary chambe
v fire and caused TIT-153 to drop below 1438°F. WR #429600 written to adjust burners when the MPF comes back up after the outage.
. There was no flame on the east end of the tray close to TIT-391.





one 1 at 21:57)



